

gcattgctgtt	ttcaatgtgg	acctcatgag	caagaaaatt	catctgactg	agaatgggat	1440
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atztatcctg	gtttcttagg	aataactacta	ctctgattgt	gtctactgat	tggctatcag	1560
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tcataattct	atcaagtcat	ctttgattcc	tggacctaata	aaatTTTTTT	tccctttctt	1680
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ttcaattact	aagtattttg	tataaagaac	aaataggtcc	tgcatTTTtT	aagactTTTT	2040
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cccccccgag	aaatctgcat	ttactaaatt	tgtcttaagt	ccaattgtgt	ttaaagggtca	2220
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gtgccattgc	actccagctt	aggcaacaag	agtgaactc	tgtctcaatc	aatccatcaa	2520
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<210> 5466

<211> 4305

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(3140)

<223> similar to gi4240219 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5466

cgagcaagtg	gaatgtgtac	aagagggagt	taccatggaa	acagcatatt	ctcctggtaa	60
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tgaagaaagt	caaatgattt	ggtcagtggg	atcaaatttt	ccaaaaaac	tacaaagtct	180
cctagaatcc	tcaaacacaa	atgoggtgta	ctcccccatg	aaggatggga	atgggaatgt	240
tgccctcaaa	gaccacggta	cagccttcac	catcatgcac	tacgcaggaa	gggtaatgta	300
tgatgttgtt	ggggcgattg	aaaaaaataa	agactccctt	tcacagaatc	ttctatttgt	360
aatgaaaact	agtgaaaatg	tcgtgatcaa	tcatttggtc	cagtcgaaat	tgtcacaaac	420
aggatccctc	gtatctgcct	atccttcctt	taaattccga	ggacataagt	ctgccctgct	480
cagtaagaaa	atgacagctt	cttcaattat	tggagaaaac	aagaattatc	tagaacttag	540
taagttatta	aaaaagaaag	gaactttctac	atttcttcaa	agattggaac	gaggagatcc	600
agtcaccata	gcatacacaac	tcaggaaatc	actaatggat	attattggaa	aacttcagaa	660
gtgcactcca	cacttcattc	attgcatcag	gcccataaac	tcaaagctgc	cagatacttt	720
tgataatttt	tacgtgtctg	ctcagctaca	atatattggg	gtcctggaga	tggatgaagat	780
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actggctgat	acattcctgc	gtgagaagaa	ggaacagtca	gctgccgagc	gatgtcgact	900
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ctgccaaaaa	gttatcagag	gattttttage	acgccagcac	ctgcttcaga	gaataagcat	1080
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cctggagggtg	aagaagctgc	cagtcctgga	gaccaacctc	aagtaccccc	tgagcccgga	2160
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gtgtgtgttt	gtgtgtgtgt	gtgtgggttc	tttcttatec	atctcggggg	gatacactct	3360
gattttcaag	ctcctcattt	acggctctgt	gctaccctca	ggtagcaaga	gagaggctgg	3420
gaaaagtgtg	gacgtggcca	gagcgagaga	gtagcggagg	aaaggagcaa	tccatgcaca	3480
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gcacacggtt	aaacacgtat	ggcttcaaat	ccatagccgg	tggtgtaaaa	tgatcatatt	4020
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aaagtcttga	gcagtggctc	cagaccacct	tgtcttgcta	cttggaactt	tttattcata	4260
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<210> 5467
 <211> 2436
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (13)...(1228)
 <223> similar to gi3808148 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5467

cgaacctcag	tcaaggtgaa	gttctcggag	ctgtccgagg	agctgctctg	ggaatacgtc	60
cacagtgtgg	agcccatgga	caaagctggc	ggctacggga	tccaggccct	gggcggcatg	120
ctggtggagt	ccgtacacgg	ggactttctg	aacgtggtgg	gattcccgtc	gaaccacttc	180
tgcaagcagc	tggtgaagct	ctactacccg	ccccgtccgg	aggacctgcg	gcggagtgtc	240
aagcacgact	ccatcccggc	cgcggaacac	ttcgaagacc	tcaagtacgt	ggaggggggt	300
ggctcggagc	ccactcagag	ggacgcgggc	agccgcgatg	agaaggccga	ggcgggagag	360
gcgggacagg	ccacggcaga	ggctgagtgt	cacaggactc	gggagaccct	gcctccgttc	420
ccgacacgcc	tcctggagct	gattgagggc	tttatgctat	ccaagggcct	gctcaccgct	480
tgcaaaactga	aggtgttcga	tttgttaaaa	gatgaagcac	cccagaaggc	tgcggtatatt	540
gccagcaaaag	tggacgcctc	tgcgtgtgga	atggagaggc	ttctggacat	ctgtgctgcc	600
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ctggccccgag	agctggcccg	tgagtaccct	cgtatgcagg	tgactgtgtt	tgacctccca	1020
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agcgttctga	gctcctgttg	cctgctgtgt	cccctgtgtc	ctgctgaagg	atccccgcct	1260
ggctggccag	gactccagct	ctctgctgtc	tccctcaggg	gccggcctgc	tgctggtgga	1320
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cctccatggg	acgccatcgc	tgccgctcac	ccctggatgc	ccacaggcta	tggagtggca	1500
gttctctggg	cggtctccat	ctctcctgcc	ttggtgcaga	gactgtcacg	agcgggacct	1560
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gggagctcag	cgcattccag	tttcccccg	gctccgctcc	cagctgctgt	tcccggcctg	1740
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ctgggcagtc	tattttcaagg	tgcaaactcc	gcctcctggg	cggcctattt	caaggtggaa	2160
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ggtgcaagct	ccgcctccca	ggcggcctgt	ttcaaggtgc	aacccccacct	cccgggcggc	2280
ctattttcaag	gggcaagccc	tgccctcctgg	gcggcctata	tcaaggtgcg	agctctgcct	2340

```

cccaggcagc ctattttcaag gtgcaacccc gcctcctggg cggcctatatt caaggggcaa 2400
gccccgcctc ctgggtggcc tattttcaagg ggcaag 2436

```

```

<210> 5468
<211> 1129
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1114)...(387)
<223> similar to gi4579696 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 5468
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ccacaacacc ctgggctacc tgcgggtcccg cgcttgcccc tgcagcctcg gaagggagct 120
gtgggggtca cccagggccc acttcgtgcc cccaccctgc cccaccctg ccctgctcac 180
tcccagccgc tgctcccctt cctaaagagc agtccctgct tgagagctct gaggagcaac 240
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ccaacgtatt ccaccctctt gccccaggca cccaaggggc atgggcacgg ccagaaggcc 360
tgtcaggagg gccagcagca cccccaggc ttgtcccaa ggttgggcgg tttggggctg 420
gcgggcacgt tctccaggac ctacgcagg gagaatgtac aaaaggaaat ctcatcatag 480
gaggtcctgg ccccgctctc gtacaggcag gcaaaaacca ggccccctc aggggccggc 540
ccgatggacg ccaggctcga gtagccgctg gggccctcgt agatcaccca gggctctgtc 600
cagctgcgcg ggtccagcgg ggactggctc aggcgggata ccatgtgtag ccgagccctg 660
cgccccactg ggtgggagta cagcagccac gtggggctct ggggcggggc agcaaagggc 720
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tgcctggggc catccccccg aggtctcaga cggctgaagg gccaccagg cacctggcct 840
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cccagtgggc tccgggcatt gcagtagagg aagcgggaat tgcacctct 1129

```

```

<210> 5469
<211> 2414
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (6)...(1625)
<223> similar to gi5917651 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 5469
agcgtacgcc cacgcgtccg caagggaaca actctgagaa tgatgaggaa ggagtggatg      60
aagatgtgga ggaagatgaa tatttagaag aagatgcaga agaagatgaa gaggtggatg      120
aagatggaga ggaggaggag gaagaggagg aggaggaaga tgaggaggag gatgaggaag      180
aacaagaata tgaacaggat gagagagacc agaaagagga gggaaatgat tatgacactc      240
gaagtgaggc cagtgactct ggttctgaat ctgtttcctt cacagatggg tctgtcagat      300
ctggttcagg cacagatgga tcagatgaga aaaagaagga aaggaagaga gctagaggca      360
tatctccaat tgtttttgat agaagtggaa gctctgcac agagtcatat gcaggttcag      420
aaaagaagca tgagaaatta tcatcttccg ttcgtgctgt ccgaaaagat caaaccagta      480
aactcaaata tgtgcttcaa gatgcaagat ttttcctcat aaagagtaac aaccatgaga      540
atgtgtctct tgccaaagcg aagggtgtat ggtccacgct ccctgtaaat gagaagaaat      600
taaatcttgc atttagatct gcaaggagtg ttatcttaat attttctgtc agagagagtg      660
gaaaatttca agggtttgca agactttctt cagaatcaca tcacggagga tctcctatac      720
actgggtgct tccagcagga atgagtgcta aaatgctggg aggtgtcttt aaaattgact      780
ggatttgtag gcgtgaatta cccttcaact agtcggtcca tctcaccaat ccttggaaatg      840
aacataaacc agtaaagatc ggacgtgatg gacaggaaat tgaacttgaa tgtggaaccc      900
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agaaaccaag gattgactat cccctgagt ttcaccagag accagggtat ttaaaggatc     1140
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gagaaagaga gcgattatgt gatcgagaca gagaccgagg ggagagaggt cgatatagaa     1620
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ccctccaaa ttgtatacat tggcttgaa tgttcacaac ttgctgctg ggcagcgga     2340
gacgattccc atattctaca ttgctactgt tttgtataaa ataaattggt aaagattgac     2400
ggttaaaaaa aaaa                                           2414

```

<210> 5470

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(303)

<223> similar to gill109915 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5470

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ggcggatgac tgtaccccc tgaaaacccat caccaaattt tataaccacc ccttgcaactt    60
tgttttcaat gacaccaagt tggacgctat gctggaagaa ttaagaaag gtaaattctca    120
cctggctatc gtgcagcggg taaacaatga gggagaaggg gatccatttt atgaagttct    180
gggaatcgtc acctagaag atgtgattga agaaatcatc aaatctgaga ttcttgatga    240
aacagattta tacactgaca acagaacgaa aaagaaagtg gctcaccggg aacgaaagca    300
agatttttct gcctttaagc agacagacag tgagatgaag gttaaaatat caccacagct    360
cctcctgggc catgcaccgt ttcctaggca acagaagtag aagcatttag cccatcccag    420
a                                                                 421
```

<210> 5471

<211> 1139

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (28)...(912)

<223> similar to gi4240305 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5471

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actcttacgt caagctaagg acgcggcacg cagcgcttta ttgatgatgt cgtttctgct    60
gtcctgttgt ccagctatgg ccagtcagca gcgatgcccg gctttgcagg agccatgtca    120
ctagccgggg cccaaggcag cctgtggtct gtggaaggag gcaataagct ggtttgttcc    180
ggtttctgta agctcaccaa ggccaatgtg atccatgcca cagtgaacct tgtgaccctg    240
cacagcacag aggggaaagc cctgtaccag gtggcgatg agaatgaggt aggcaacagc    300
tctgacttct atgacatcgt ggtcatcgcc acccccctgc acctggacaa cagcagcagc    360
aacttaacct ttgcaggctt ccaccgccc attgatgacg tgcagggtct tttccagccc    420
accgtcgtct ccttggtcca cggctacctc aactcgtcct acttcggttt cccagacctt    480
aagcttttcc cctttgcaa catccttacc acagatttcc ccagcttctt ctgcactctg    540
gacaacatct gccctgtcaa catctctgcc agcttcggc gaaagcagcc ccaggaggca    600
gctgtttggc gagtccagtc cccaagccc ctctttcgga cccagctaaa gacctgttc    660
cgttcttatt actcagtgc gacagctgag tggcaggccc atccccctta tggctcccgc    720
cccagctccc cgaggtttgc actccatgac cagctcttct acctcaatgc cctggagtgg    780
gcggccagct ccgtggaggt gatggcctg gctgccaaag atgtggcctt gctggcttac    840
aaccgctggt accaggacct agacaagatt gatcaaaaag atttgatgca caaggtcaag    900
actgaactgt gagggtctta gggagagcct gggaaacttt atccccact gaagatggat    960
catcccacag cagcccagga ctgaataagc catgctcgcc caccaggctt ctttctgacc   1020
cctcatgtat caagcatctc caggtgacct actgtctgcc tatattaagg gtccacacgg   1080
cggctgctgc ttttttttaa gggggaaagt aagaaaagag aaggaaatcc aagccagta   1139
```

<210> 5472
 <211> 1786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1782)...(1562)
 <223> similar to gi511965 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5472
tttttttttt ttgaaaatga aaaaaataaa gctttatttg aactccctcc cctacagatc      60
attcagatgc cggggaccat gtccagggtc ctctcagcaa catggaaagc taagccattt      120
cacaaacgca caactgtagc tacactacag ccccccacgc ccagggcaca gctttgttgc      180
taagcctgta acaaaagacc accactcagt atttgtgtac cctgcagcca acaccacctc      240
ctgggcttca cagggttcaat cacccaagag gccagcaca ccacgaccga gtgggtactc      300
agtggccag acaccccccg aacactggca ctgccacaag gccctgaagg gtagactgtg      360
gggcaaagag gacaaaactc cctcccccta agggaccgag ctactgggc ctcttcccc      420
tgccaaccgc cagcccctgc atgcctagca gggaggtaag caccactgg cgctgtgatt      480
tccattatct tgctaattgt gacagcacct aagtcacatt aaaacaaaga gagactggat      540
ccagacctcc aagtctcatc attggacctc agtggttctc actgccccaa ccacagagtg      600
aaggtcaggc agcgtttgcc aggatttggc tctgaccaag ttagtgctct aacaagtcac      660
ctgagtttct aatagcttcc ctgaagaacc caactatttg gagtatgttg cctctcctat      720
caagaggcat ctgggggcac aaaaatcttt ctggatcaca gcttgaagaa acagaacata      780
actggagtag cttcagaact aaggcggcca cattcacccc accgcttagg agttagctcc      840
attatacaca accaagcaca ggagaaacac tcaccaggaa aagatgccgg aggcttgga      900
gttctcaagg gaactgttta gacagaggta caaacatctc caattcagac ttccaaatac      960
actaacaata attaaaaatg tggcctctga tctctatgtt tctcaccag tagaggcaaa     1020
aaaggagatt ttcataacta catgttaaaa agaacatgtt caagtaaate cacacactac     1080
atgtgagtgt tgcagtgtgt tcttcacaaa tataaaagta taaaaataag atttctgacc     1140
tttgtatcta gacagatctg gagaaaacac ggttgctact agctaactag ctctgtgtta     1200
tctgagcagg cgcgctatcc cagggcctca ccttctctgt ctggtcagg agggcagagg     1260
aatggagatg gcaatgcctt ttcattccag gaaacaaaac tcagatggca gaaccagccc     1320
tagccatgtc gcatagcttc tccatgggtg aactcctgg gacctccaat ggatgggaga     1380
aagggtcttc agcccagctt cacgtgaggg cgggtgtggg catgtgtggg gtgggggctg     1440
cttctgggac gtaggaagac gccaacctca ggggtacctt ctgggaagga caagccaggg     1500
cttgggtgcc cgccatccc aagagcccca caaggtgcca gctcacttag cagcagctg     1560
cttgtccttg cacttctggt agacactcag gatctctgag atgatgctgg ggtcctccaa     1620
gggtgtagtg tctcccagct cctgggcctc actagtgatg atcttctca ggagccgccc     1680
catgaccttc ccagacctgg tttttggaag acgtttcacc accaggatct catcaggcac     1740
agcatatttg gcgatcttgg tggccaccat ggacttgagc tgcacc                        1786

```

<210> 5473
 <211> 641
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (643)...(290)
 <223> similar to gi3451335 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5473
 attacgcaa gcttggcacg aggctactgc cctcactgga cttgggggggt ctggaccttt 60
 ggccccctgcc ccctggggga cccagacctc tgggccctca cttctggccc ttacagagat 120
 ccaggcatcc aacacccccca tccctgcccc agcgtctgag gtgttagtgg tggggggaga 180
 agcccacat cccagactct ggtaaatgtc tttgctggtt ccttgcagct ggcagtgggg 240
 gggaccccag cccaggccca ggcctaggcc tgggggtgggg atagggtcag atgaagaatt 300
 cctctttcct cttgtgtccg tcgctgccat tgaaggaaggc ttctcttgct tctccctggt 360
 catccaagcc actggcttcg tgggtcagat aggaaccctt ctgccgtacc gagcaccaga 420
 ccatgcccac tagcacacat atgatcagaa acaccagcag cgccaggatg ccgcccacaa 480
 tggcataggg aaccgacgtc tgagcctcta ccaccgcacc aggggtcgtag accacaagta 540
 cgtagagcgc cctcgcatgg ccgtgcttat tggacgcctc gcaagtgtag gtgccgttat 600
 ccgcggtatac cagaccggg agcgtgagcc gctctccac g 641

<210> 5474
 <211> 485
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (33)...(212)
 <223> similar to gi4469185 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5474
 gaagcatcat cagccaagc ttggcacgag ggcactgtga gcagagcccc acatcctcgc 60
 gcacgtcttc cctgggtctt ggcggccccg actgcgccat cacagtcaag agccctggga 120
 gggagccggg gcgtgaccac ctcaacgggg tggccatgaa tgtgcgcact gggagcgccc 180
 aggccgatgg ctccgactct gagaaaccgt gaggcaagcc cgtcacccca cacaggctgc 240
 ggcatacccc tcagaccttg gagcccaagg ggccactgcc cttgaagtgg agtggggcca 300
 gagtgtggcg gtccccatgg tggcagcccc ccgactgac atccagacac aaaggtcttg 360
 gttctccag gagctcagg cctgtcagac ctggtgacaa gtgccaaagg ccacaggcat 420
 gagggaggcg tggaccactg ggccagcacc gctgagtcct aagactgcag tcaaagccag 480
 aactg 485

<210> 5475

<211> 1281
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(482)
 <223> similar to gi4589566 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5475

tggaagacc	tttagccgtg	gttatcatct	tattctccat	cacagaattc	atactgggtga	60
aaaaccttac	gaatgtaagg	aatgctggaa	agccttttagt	cgctactcac	aacttatttc	120
acatcagagt	attcatattg	gtgttaagcc	ctatgactgt	aaggaatgcy	ggaaggccctt	180
cagactactt	tcacaactca	cacagcatca	gagtattcat	attgggtgaga	aaccttataa	240
atgtaaggaa	tgtggcaagg	ccttttagatt	gcgccaaaaa	cttactctac	atcagagcat	300
tcatactggc	gaaaaaccct	ttgagtgtaa	ggaatgtagg	aaggccttta	gacttaattc	360
atcccttatt	caacatctga	gaattcattc	tggtgagaaa	ccctatgaat	gtaaggaatg	420
taagaaggcc	tttaggcaac	attcacacct	tactcatcat	ctgaaaattc	ataatgtaaa	480
aatctaagaa	agtcttttca	acttctgtgt	tatagaacat	tctatgaatg	tagtaattaa	540
tctattttgc	tccatacatg	caactgcgtt	ggcattagag	gttttatacc	attaaaagag	600
tgtgacaatg	tattgtagtc	catcatcact	caaacctgaa	acttcagcat	atttgttcta	660
aaaactaatc	ctgttataag	aatgagaaa	acattttaccg	tcattccctat	cccatcactt	720
tgtgtcatat	tggacaagac	gcttaactgc	tctgtgctat	aattttttta	tttatgacat	780
ggtcatataa	gagtgcagca	gtttgacaca	ctttcaatca	agaggtggaa	ccctacatcc	840
ctctgttgta	tacaggaatc	tacatccctc	tgtgaactct	tggtcccgagt	agaatatggt	900
agacgtaact	gctgtgctgg	tttcttgact	cagactttac	tggtagggtt	acttcacctc	960
atggaaatga	cagaactgtc	ttggttacaa	agtctggcta	ctttgctgaa	gagaccacat	1020
gaagaggccc	tgaaaactac	gtagagaggg	agaggcacct	gctgaaccct	gtcttcttga	1080
catccaccaa	gataccagac	atttgagtga	aattttggat	ccaccagacc	agccaccagc	1140
taaatgccag	tgagcgactt	ggtaacctga	actgatgcca	tgtagaatgg	aagaattgac	1200
cagctgagcc	cctggcccaa	atttctgacc	cacaaaaaca	tgagatataa	taaaatggtt	1260
gttgttttta	gccactaaaa	a				1281

<210> 5476
 <211> 1638
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> similar to gi4091819 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5476

cgctgggagg	gtacccgctt	ctcggagggtg	caggccctgc	cctcccgggg	ctcgtctggcc	60
------------	------------	-------------	------------	------------	-------------	----

ctgcagccct	tccttgtggg	tggccgcgcg	tacctggcac	tgggcagtga	tttctccttc	120
accagatct	accagtggga	tgagggacga	cagaagtttg	tacggttcca	ggagctggct	180
gtgcaggctc	ctcgggcctt	ctgctacatg	cctgctgggg	acgcccagct	actcctggcc	240
cccagcttca	agggacagac	gctgggtgat	agacacattg	tgggtggatct	cagtgcctag	300
ggggtgccga	ggcctctggg	ctcctcaggg	tggccactgg	aggatgggtg	ggggcctctg	360
tgagcaccac	gtatgcctgt	gtgaagacaa	gcgaccaacc	tgcatcatg	cccttgatc	420
cgcacacgcc	cagtgtgtac	aggcgacccc	cgtggactgg	cccaggagga	cgtgcatcat	480
cactgcaatc	agcatgaaca	ccaggcaccc	ctgggacacc	taacgcccag	ttcccgtagc	540
cccaactgca	ggccccccct	actctgcagc	ctttcccatg	ctctgcccc	tgtctcatgc	600
acgagtgggtg	cgggggtgctg	ggagcgaggg	gggcccgcac	ctcctgtcct	tgtgcttctc	660
cttctgcccc	tctggtcttt	cctgttgggtg	ctccaggcat	tgtttacctg	ctcttgctcc	720
ccgctgtagc	ccacagccat	atctgtcatg	cttccccggg	gccactcacc	cctgccccac	780
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actgcacccg	gtgtccatct	ataaacatgt	cagggcacgt	gtgcatacaa	gcagattcag	900
cactgcctac	caggctctcc	tgttaccttg	cctctctgct	tggagggggc	cccctctgct	960
cacccccagc	gtgccccccc	cggaaactgat	aaggatgaga	atgggtgggtg	cagcttctga	1020
gggcctgctt	ggcctcctgg	gggcaaagcc	cctctgcccc	aagcaataac	aacagcagca	1080
gaagcaatcc	cggggagctg	ccaggggtgt	ctgtctctgt	tctccttggc	gtttccttca	1140
tggccgtgaa	tcccagctca	cccattggaca	gaagacctcc	cctcatctga	aagcctttct	1200
gccttccttc	ctgtagctgt	cgctttctca	ggcttggact	gtccccctgg	tcacctgtc	1260
tttgggatgt	ggcccttgag	ctgggcgggc	tccttgggtg	gattagagag	ctggccgagc	1320
tgcaagcacc	tgagttacct	gcgagggtgc	ccagagtggg	gcttggcctg	agggcggtgt	1380
gcagccctgg	ccccaccagt	ccacagaggc	ccccaggagc	actgccttcc	agtggaccgg	1440
gtgggggctg	gtgggagggg	ccccactagc	tgagcttctg	ctgcccctctg	ctgtctgctg	1500
agatgccagg	ctagtggaga	gggcacacca	tgtgcccata	tgggtgtgatg	ctccttgtag	1560
caggatacca	gggtactggg	gggcaatgct	atgattaact	tgcttcaaat	aaaaagtcc	1620
cgccccataa	aaaaaaaa					1638

<210> 5477

<211> 3042

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3043)

<223> similar to gi5689549 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5477

catcaaatga	attgtcacaa	tactcgaata	atgcaagaca	cagaaaagga	tgataacaat	60
aatgacgaat	atgacaatta	cgatgaactg	gtggccaagt	cattgttaaa	cctcggcaaa	120
atcgtgagg	atgcagccta	ccggggccagg	actgagtcag	aaatgaacag	caatacctcc	180
aatagtctgg	aagacgatag	tgacaaaaac	gaaaacctgg	gtcggaaaag	tgagttgagt	240
ttagacttag	acagtgatgt	tgttagagaa	acagtggact	cccttaaact	attagcccaa	300
ggacacgggtg	ttgtgtcttc	agaaaacatg	aatgacagaa	attatgcaga	cagcatgtcg	360
cagcaagaca	gtagaaatat	gaattacgtc	atgttgggga	agcccatgaa	caacggactc	420
atggaaaaga	tggtggagga	gagcgatgag	gaggtgtgtc	tgagcagtct	ggagtgtttg	480
aggaatcagt	gcttcgacct	ggccaggaag	ctcagtgaga	ccaacccgca	ggagagggaat	540
ccgcagcaga	acatgaacat	ccgtcagcat	gtccggccag	aagaggactt	cccaggaagg	600

acgccggaca	gaaactactc	ggacatgctg	aacctcatgc	ggctggagga	gcagttgagc	660
ccccggtcga	gagtgtttgc	cagctgtgcg	aaggaggatg	ggtgtcatga	gcgggacgac	720
gataccacct	ctgtgaactc	ggacaggtct	gaagagggtg	tcgacatgac	caaggggaac	780
ctgaccctgc	tggagaaagc	catcgctttg	gaaacggaaa	gagcaaaggc	catgagggag	840
aagatggcca	tggaaagctgg	gaggagggac	aatatgaggt	catatgagga	ccagtctccg	900
agacaacttt	ccgggggagga	cagaaagcct	aaatccagtg	acagccatgt	caaaaagcca	960
tactatgata	cctcaagaac	agaaaagaaa	gagagcaagt	gtccaacccc	cgggtgtgat	1020
ggaaccggcc	acgtaactgg	gctgtaccca	catcacgcga	gcctgtccgg	atgcccgcac	1080
aaagataggg	tccctccaga	aatccttgcc	atgcatgaaa	gtgtcctcaa	gtgccccact	1140
ccgggctgca	cggggcgcg	gcatgtcaac	agcaacagga	actcccaccg	aagcctctcc	1200
ggatgcccga	tcgctgcagc	agagaaactg	gccaaggcac	aggaaaagca	ccagagctgc	1260
gacgtgtcca	agtccagcca	ggcctcgga	cgcgtgtctc	ggccaatgtg	ctttgtgaag	1320
cagctggaga	ttcctcagta	tggctacaga	aacaatgtcc	ccacaactac	gccgcgttcc	1380
aacctggcca	aggagctcga	gaaatattcc	aagacctcgt	ttgaatacaa	cagttacgac	1440
aaccatactt	atggcaagcg	agccatagct	ccaaggtgc	aaaccaggga	tatatcccc	1500
aaaggatatg	atgatgcgaa	gcggtactgc	aaggacccca	gccccagcag	cagcagcacc	1560
agcagctacg	cgcccagcag	cagcagcaac	ctgagctgcg	gcgggggcag	cagcgcagc	1620
agcacgtgca	gcaagagcag	cttcgactac	acgcacgaca	tggaggcggc	ccacatggcg	1680
gccaccgcca	tcctcaacct	gtccacgcgc	tgccgcgaga	tgccgcagaa	cctgagcacc	1740
aagccgcagg	acctgtgcgc	cacgcggaac	cctgacatgg	aggtggatga	gaacgggacc	1800
ctggacctca	gcatgaacaa	gcagaggccg	cgggacagct	gctgccccat	cctgaccctt	1860
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gagggcgact	gctgggactt	gcccgtagac	tacaccaaaa	tgaaaccccc	gaggatagac	1980
gaggacgagt	ccaaagacat	tactccagaa	gacttggacc	cattccagga	ggctctagaa	2040
gaaagacggt	atccccggga	ggtgaccatc	ccaagtccca	aacccaagta	ccctcagtgc	2100
aaggagagca	aaaaggactt	aataactctg	tctggctgcc	ccctggcgga	caaaagcatt	2160
cgaagtatgc	tggccaccag	ctcccaagaa	ctcaagtgcc	ccacgcctgg	ctgtgatggg	2220
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aagaaaagtg	gtatcaggat	agcacagagc	aaagaagata	aagaagatca	agaacccatc	2340
aggtgtccgg	tccccgggtg	cgacggccag	ggccacatca	ctgggaagta	cgctgcccac	2400
cgcagcgctt	ccgggtgccc	cttggcggcc	aagaggcaga	aagacgggta	cctgaatggc	2460
tcccagttct	cctggaagtc	ggtcaagacg	gaaggcatgt	cctgccccac	gccagggtgc	2520
gacggctcag	gccacgtcag	cggcagcttc	ctcacacacc	gcagcttgct	aggatgcccg	2580
agagccacgt	cagcgatgaa	gaaggcaaa	ctttctggag	agcagatgct	gaccatcaaa	2640
cagcgggcca	gcaacgggat	agaaaatgat	gaagaaatca	aacagttaga	tgaagaaatc	2700
aaggagctaa	atgaatccaa	ttcccagatg	gaagccgata	tgattaaact	cagaactcag	2760
attaccacga	tggagagcaa	cctgaagacc	atcgaagagg	agaacaaagt	gattgagcag	2820
cagaacgagt	ctctcctcca	cgagctggcg	aacctgagcc	agtctctgat	ccacagcctg	2880
gctaacatcc	agctgccgca	catggatcca	atcaatgaac	aaaattttga	tgcttacgtg	2940
actactttga	cggaaatgta	tacaaatcaa	gatcgttatc	agagtccaga	aaataaagcc	3000
ctactggaaa	atataaagca	ggctgtgaga	ggaattcagg	tc		3042

<210> 5478

<211> 2048

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (367)...(807)

<223> similar to gi3417289 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5478
ctacgatcat tccgccaagc ttggcacgag gccgtaggcg ctcccggggc ctggcggcgg      60
cggaggagag ggagcagcgt cacgggcgcc cggcccgtta aaacgctgct ggctggagcc      120
acctccctcc ctgcagcccg caacgggaat ggagtaaagg gagaccgctc gacctggcca      180
cggggatcag cgatggaatt aaagcaatct ttgtccaccc atctggaagc cgagaagcct      240
ctgaggcgct atggggcggt ggaggagacg gcttggaata cggagagact ggggagaaat      300
cagctggaca tcatctccat ggcgagagaca accatgatgc cagaggagat tgagctggag      360
atggcaaaaa ttcagcgtct ccgggaagtc ttggtccgcc gggagtctga gctcaggttc      420
atgatggatg acatccagct ctgcaaggac atcatggact tgaagcagga gctgcagaac      480
ttggtcgcca tcccagaaaa agaaaaaacc aaactgcaga agcagagaga ggatgagcta      540
atccagaaga tccacaaact ggtgcagaag agagacttcc tggaggacga tgcggaggctc      600
gagcgggttaa gggagcaaga agaagacaag gaaatggctg atttcctgag aatcaagtta      660
aaacctctag acaaagtaac caaatctcca gccagctccc gggcagagaa gaaagcagag      720
ccccaccta gcaagcccac ggtggccaag acggggctgg cactgatcaa ggattgttgc      780
ggggccaccc agtgcaacat catgtagccc ccacgtgggg tgccctgggc catggggacc      840
cccccccacc ctcttgtctt tatagcccc atttcaccgg ggcccaagag ctctccaagg      900
cagaaggggt tgaaggcaag cccgtgactg tcaccagagg ccatgggcac ggcaggcggg      960
cctggccacc ctgtacagag tgtagcagta gggagtctct caccgtcgca tggctctccc     1020
cagagcatgc cgaaccagag agtctgtctc actgtttatc caaacaccag gaaaggctct     1080
ccctcaaaaa agcatatctc cacttctctc tagctgtatc taaccaccg tgtgaatgaa     1140
ctgggagagg ggcattgtcc ccagctgtgt gtagtctgta cttctcaaca atctagcacc     1200
atgtcggaca cgttccccat ccacctctc agtctgtctc tcagagctag gcacatgggc     1260
acaggteccc tccggtctgt cctctcccag caactgtgcc ctggagggtc ccacatggcc     1320
cccgtgtctc tcgggcacca cccatatagc agtcccagag ggcccatctg taaagatcga     1380
gcttgtgtgt ggtgtcgtgg tcacatctcc cgcttcccc catcctgtgt ctgggcacag     1440
ttcacatcag gacagcgtcc attgtgtctc cagtctgcct cagggtgtgtg cctggagggg     1500
gcctggactg gcatggatcc agtgtgcaga agagccagca gggaaccgga agctctgatg     1560
tcaaggccag agcagttgag aatgggaccc agagtagatg ctgacctggg cactccacca     1620
ttccggggcc accacagaga tgccagcagg atgccacttt gccagccga cacacggacc     1680
tttgtaaaga acagcaacag gcaggagagg cagcgtgtga ccagattgtg tcccgctcatt     1740
gggtggcata tgttaactag ctgccaacaa acttcaaccc gtgtaattca tgtacatttg     1800
caacagccag cccggtacag cctgtgtgac ttctctgtat gtgtgtgtgt gtcgtgacca     1860
gcctaagtag ttagcataac tcaagatgct gatgtgcagt caccatcag agaaaataaa     1920
aatggaaacc acgttcacag cattttaaaa gtttttactt tttttcttga ttatggaagt     1980
aatccatgta catagtaaat cattttaaaa gtacaaaaag tatgaagaag tttgtcttaa     2040
aaaaaaaaa
2048

```

<210> 5479

<211> 1465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(1402)

<223> similar to gi3510639 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 5479
ggatagagcg cattgaagac accagacctg ctggatgtgc agagcagcta gttcacaata 60
acctcccaac caccagtgtc atcatgtgct ttgtggatga agtgtgtgcc actctcctga 120
gatctgttca cagtgtcatc aatcgctctc ctccacacct catcaaggag attctgctgg 180
tagatgactt cagcaccaaa gactatctaa aagataattt ggataaatac atgtcccagt 240
ttccaaaagt tcggattctt cgcctcaaag agagacatgg ctttaataagg gccaggctgg 300
caggagcaca gaatgcaaca ggtgatgtgt tgacattttt agattctcat gtggaatgta 360
acgttgggtt gttggaacct cttctggaaa gagtttattt aagtagaaaag aaagtggcct 420
gtccagtaat cgaagtcata aatgataagg atatgagtta catgacagtg gataactttc 480
aaagaggcat ctttgtgtgg cccatgaact ttggttgagg aacaattcct ccagatgtca 540
ttgcaaaaaa cagaattaa gaaactgata caataagggt ccctgtcatg gctgggtggat 600
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ataacagaaa caaagggtca aaatggctgc ataaatcaac atcagtcttt catccagaac 1260
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ttgaaaaata ttatgaagcc tgaagtgtaa ctgatgtttt tatatagtaa acccattaaa 1440
tactgtgaaa ataaccctga aaaaa 1465

```

<210> 5480

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (127)...(214)

<223> similar to gill172146 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 5480
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ggtccacctc ttaccggttg atgtgctctg tgctcacgac acaaagctcc tggctgggtc 120
tcttcagaga caggacagga acgagagcca ggctctggtc cggccgtgtg cgagttcttc 180
agcgttgccc tccacatctg gagtaacata ttggtagggt tgttttgatg aaggaaacat 240
gactccacct tctccattg gccttcccag ggaagtagca gaaatctaag aaggtcaggg 300
ggaggagcta acttcagcta gaagtctcat tatcagccag gaggattgat gaccaaatag 360
aaaaaagtaa tttttaaaag gctttatttc cctgcccatc tcttc 405

```

<210> 5481
 <211> 6845
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6595)...(5150)
 <223> similar to gi2337952 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5481

acgaataaag	cacacaactt	tattcacgaa	gttgtgagta	tgacagtgat	gcagagtata	60
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ggcacagcag	cgcggagccg	gcagggccac	ctcctcctct	acacacaagc	atgtggcact	180
tagcgcgcc	acacacacct	gtcagtttc	acagggaaca	cgacacagct	tttcaaaagg	240
aattcttcta	aacatttgct	ttcatatttc	caaaagggga	gggagggcag	gaagaaccac	300
acgccttcca	acatttgaaa	aaattccata	aacccaactt	aaaatcaaag	aactcagaga	360
gcttcaatgc	ggagtcac	gcaactcgca	ggaaccacac	acatgattgg	acaagtctgt	420
acataaaacc	ccaaaagaac	atcagttttg	tggacaatgg	tttctctctg	tgtaaagaaa	480
cgtatgcata	tatgatcagt	aagcagctca	catctttctg	aatgtcaagg	tctacaggat	540
tgtctctgtc	cacctttggt	caatggggtc	aggaagtgc	tcattgggaac	tgcactctta	600
ggagaaacac	ttttgggaat	aattttattg	aataacaacc	accactcaat	tacactaagc	660
ttcagaaatt	gttggaattg	tttaattttg	ctgtgtacct	atacattggt	tagaaagtgt	720
cttttggtt	aaactgacca	tttccccctt	tctttttgag	ttttccatga	ttaaacttgc	780
ccaaataaaa	acataacaat	ccatatgcaa	agcatatctg	ccaccacctc	ccactgcttc	840
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tttcttctat	cacaacatag	ttgggtagtt	cccttaaagt	acatcattgc	tataagttgg	960
tatcactgca	aatctcaagt	cccaaataat	ctctttttct	ggatagaaag	ttattcaaaa	1020
gggagcacia	aagagcaagc	tttggggcat	actgacaaac	acttcattgg	ttagaagaga	1080
ataattttta	aaatcaaata	aaattgaggg	tggcatagga	agtacagatt	aaatacaggt	1140
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gtgcc						6845

<210> 5482

<211> 1477

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1478)...(496)

<223> similar to gi3880930 in the genepept database release 114,

Run with FASTXY.3.3t00; default parameters

<400> 5482

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tgtcttgctt	ttctgccaca	gcaagtctat	cagcatccgg	gtcgtagct	aaaacaattc	1380
tggccttggg	tttgtcagcc	aaagcaaaag	acaaagtcaa	gacacctttc	ccctcttcgg	1440
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<210> 5483

<211> 2150

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2028)...(1258)

<223> similar to gi220637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5483

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aaaatggaat	taaggcagct	ttaaaagaaa	ataaaactca	tccacccaaa	atagtgtctac	780
ataattcatt	acttaaaaag	ctctctgtgg	agtatagaca	taaagccaaa	aataaaaaca	840
aacattgcag	ttgtgatgca	gcacaggtg	cttttacttc	agtgaatgaa	aaataatggt	900
cacaactcaa	atgaatggga	atttaatatg	aatatatgca	ccttaccaga	gatgtttgct	960
accaatgata	tcttagcaat	tccatattcc	ttacaaagtc	agtataattg	ttgtaaaaaa	1020
atcaactgtg	gttctgaata	cccattcaca	gttgacctca	acaatgtatc	tgatgtagga	1080
gactgagtat	ccgtgacagg	cagaagcatg	tgatggctct	cagtccaag	tgggaagagct	1140
aatggtaaag	tcatatcaga	aggcttcaca	tccatagttt	ctgataaagg	acttttttgt	1200
atggaatcct	gttcaactcaa	agtatgatcc	tctgcactgg	agtctagagt	tttatctgca	1260
ccagaatgga	cttttgtttt	gtgcttcttt	aaatttttaa	tatctgtgta	agaatttcca	1320
cataattcgc	agataaatgg	tctttctcct	gtatgggacc	gaaagtgttt	gttgagctct	1380
cctgaggaaa	taaaactttt	cccacaaata	ccacatatgt	atggtttttc	acctgtatgt	1440
tttcgagaat	gagtgataag	agaactagag	acagcaaag	ccttcccaca	ggtatcacat	1500
acataaggct	tttctccagt	atgcctacgg	acatgatagg	tcagtgtgct	ggcttgagca	1560
aatctctgtc	cacacctatc	acagacatat	ggcttctctc	cactatgctt	ccttgcatga	1620
atcttgagat	tgctagaagt	tgcaaactgt	aagttgcata	catcacattt	atagggtttt	1680
tcttcacat	gatgcagcg	actatggaag	actagctgac	atttctgagc	aaatccttta	1740
tcacacaatt	cacatttgta	tggcttctca	cctgtatgag	ttcttacatg	cgttttcagc	1800
tggttacatt	gggtaaatgc	ctttccacat	aagtggcaga	cgtaagggtt	gactccttta	1860

tgtattctca	tgtgccttct	caaactgctg	gcttctgaaa	acactttccc	acatgtgtta	1920
cacattggct	tggccttgga	atacctctga	tccagctctt	ccccggagtt	ctccgcctca	1980
taaggactct	tgacgctggc	tatattagac	atagagtgtt	ctttcagagc	acagtttggc	2040
tgtgattttc	cacgtttccg	tttcaactgt	acagtgtgca	caatatcttg	tgctggaaaa	2100
gtattttcca	caactgatgt	caactcgagt	tctgaattat	catttataag		2150

<210> 5484

<211> 1760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1762)...(1496)

<223> similar to gi3327164 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5484

gttgttcaat	taagaaacat	ttattctttt	ctaaatgaaa	gtgaaattgc	agttgtaagt	60
atgaacttaa	gaaacattgg	ttttacaaga	taactagcta	tatgaccatg	accttaagggt	120
gtgatatggt	ttggctctgt	gtctccaccc	aaatatcttg	tatctcccat	tattccatgt	180
tgtgggaggg	gcctgggtgg	aaataattta	atcacggggg	caggtctttc	ccatgctggt	240
ctcgtgatag	taagcctcat	gagatctgat	ggttttaaaa	atgggagttt	ccctgcacaa	300
gctctctctc	cttgctctgt	gccatccatg	taagatgtga	cttgctctct	tttgcttcc	360
accatgattg	tgaggcctcc	ttagtcattg	ggaactgtaa	gtccattaaa	cctctttctt	420
ttgtaaattg	cccaatctca	ggtatgtctt	tatcagcagc	atgaaaatgg	actaatataa	480
ggtgctagac	aagggtgatta	aaggctctat	aaattctaaa	ttgtgcaatt	ctaagacatt	540
cttggcattt	tacatgtcta	gatgactgcc	atcttttttt	taatattttt	ccctcacatg	600
ttccagtcta	ttctcattac	agaagaatac	gtttaacata	cagttacaga	aacagagggt	660
ttaaataaat	atttaaaagt	aacttcaaaa	tatatattgca	ctgaaatatg	gaggcaaaat	720
tgtttctgag	tcaggaaaca	tttattcttc	cccataaatt	taaattggagg	tgaaactgtg	780
aatatgaagc	aaagaacatt	tatctcacia	ggtaactctg	aattctttta	attctgaaac	840
cagagacatg	tacaacactt	acagcattca	cacaacacta	ttttcaaaat	aggtttttga	900
ccctaaaaaa	tgaaaattct	tagtgacaag	ctttagatat	gaaacttagc	ccagtgggta	960
ttcactttgt	cacaaaaagc	aactacagac	aaatagtttt	tccctctccc	cgacacaaaa	1020
actgaaatta	cagactttta	aagcagaaaa	aattttctcc	aaaatgcaaa	tgattaaggt	1080
ccaaggaaca	aatgaacaga	agatctcaat	tattcaattg	agcgagtgat	ttagtttgca	1140
tattaactcc	ttttcttact	acttcttgat	atctgattct	ggcaatattt	atcttgatc	1200
tactgggcaa	gacactggga	acacaaagaa	attttagaca	aggtccagtg	gtatgctggt	1260
aaaggtttaa	caactagctc	ttaagggaaa	ggtaggtctt	cacttatagc	atttctatgg	1320
tgtaaatact	ccaattgccc	cagatttcaa	gctagcaaca	atgtgacaac	tgtctcacia	1380
aattctctca	actaacgatt	gtcactcata	agacattaca	agccagctcc	aacacaccac	1440
cgtacagtct	ccaccttcaa	gtagttcata	atctcttcat	gggtaccttg	tatcagatct	1500
tgggcaactg	ccggctgggg	tgaccagggg	attcttctgg	tagcaaaaac	tggagtctgc	1560
acgttggaca	tgtccctgt	tgcatcaacc	atggtcta	gcaactgagca	tgggaattgt	1620
gagcgcaagg	caaaactgaa	agattttctg	gagacagatt	ctcatgacag	atcacacaag	1680
gctcttcttc	ttctcttccc	tcattctggat	tactggctcc	ttcccatgtg	gcaggaccct	1740
gtgaagtgag	tggcctccag					1760

<210> 5485
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (397)...(71)
 <223> similar to gi48676 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5485

cgcggtatct	cgcgagccct	gagaagctca	tcaagaggat	aaaactgcct	tagctcggtg	60
agtactttca	ctttttcgtg	ggatgagcta	aggctttcag	cttttttaga	tacataagcc	120
gcgtttcaag	aaatcgaaact	tgcttttcaa	gacctcaat	gcgtcggtct	tttgacagct	180
ccaatgctga	tgccgctttt	tctggatcaa	ctgatattgc	aatgtttctt	ttggtgcaa	240
tcttgagcgc	gcgtaaacca	gcttctccgc	gctcttcata	gaccttcagc	cacctggcta	300
cagaaccact	accagcaagc	ataaagtgag	cagcagcctg	attaagggac	atgtgctgct	360
cgatcacagc	tttcacgacc	ttaatacgca	actct			395

<210> 5486
 <211> 540
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(150)
 <223> similar to gi4062479 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5486

aaggcgggag	tgccggcaatg	agcggcgaag	cggcggtttta	cggcctgcaa	ccggtagata	60
gcgatctgca	cgcgtttgct	gcacatcagt	cggtgttgaa	ggcctacgaa	aagctgcagc	120
gcgccaaagc	agcattctgg	gcaaaataaa	atcaaatagc	ctacgcaatg	taggcttaat	180
gattagtctg	agttatatta	cggggcggtt	ttttaatgcc	ccgctttaca	tatatattgca	240
ttaataaaat	aattgtaatt	ataagggtta	atatcggtta	tttgtattta	ataaatacga	300
tcgatattgt	tactttattc	gctgatgct	cccttttaat	taactgtttt	agcggaggat	360
gcggaaaaaa	ttcaactcat	ttgttaattt	ttaaaattta	tttttatttg	gataatcaaa	420
tatttactcc	gtatttgcac	aaaaaccatg	cgagttacgg	gcctataagc	caggcgagat	480
atgatctata	tcaatttctc	atctataatg	ctttgttagt	atctcgtcgc	cgacttaata	540

<210> 5487
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(477)
 <223> similar to gil552811 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5487

gatggtgaat	aaaaacatcg	ccgatagctt	cctgcccgc	ttaagcaaac	aatggcgga	60
aagcggcgtg	acattacacg	cagatgcagc	tgactggcg	cagttgcagg	caggccctgc	120
gaaggtggtt	gctgttaaag	ccgaagagta	tgacgatgag	tttctgtcat	tagatttgaa	180
cgtcaaaatc	gtcagcgatc	ttgacgatgc	catcgcccat	attcgtgaac	acggcacaca	240
acactccgat	gcgatcctga	cccgcgatat	gcgcaacgcc	cagcgttttg	ttaacgaagt	300
ggattcgctc	gctgtttacg	ttaacgcctc	tacgcgtttt	accgacggcg	gccagtttgg	360
tctgggtgcg	gaagtggcgg	taagcacaca	aaaactccac	gcgcgtggcc	caatggggct	420
ggaagcactg	accacttaca	agtggatcgg	cattggtgat	tacaccattc	gtgcgtaaat	480
aaaaccgggt	gatgcaaaag	tagccatttg	attcacaagg	ccattgacgc	atcgcccggg	540
tagttttaac	cttgtccacc	gtgattcacg	ttcgtgaaca	tgtcctttca	gggccgatat	600
agctcagttg	gtagagcagc	gcattcgtaa	tgcaagggtg	gtaggttaga	ctattatgat	660
gggcaccatc	taagatcata	tctgttcctg	aagatctccg	ggtcgcgaca	tagaattg	718

<210> 5488
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (460)...(359)
 <223> similar to gil651274 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5488

ctacgaattc	aatgtccgta	cccgtacatc	gtatagaatg	gacttgcctt	gaccttacct	60
aagttacatt	gattgcggtt	aaatgtaaag	atattgctgg	tttattgttt	gtttttgcga	120
gatgcgccgc	accattccga	agcaaaattc	ttaaaatgca	ctcttttagt	gctaccgctg	180
gattactgtg	gtgcaactag	gttgactga	tgctgtttca	gggtttgcct	tgtataacaa	240
agcaatagat	gtgccaaagt	tggataggag	aatattgtta	tccggataat	gcactgatgc	300
cgcacccggt	gagcgtgccg	aaatatggga	tgtattccgg	cacgataaga	agggattatt	360
tacgtcgctg	acgcagactc	atcaacacag	cagcaaaacc	aaacaatgcc	gtcagcaccc	420
acagcggcca	gttgccggta	cgtgcgtatg	gtgtgatttc	g		461

<210> 5489
 <211> 429
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (44)...(371)
 <223> similar to gil48183 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5489
 tatgaccacg attacggatt cgatgtccgt acccgtagat cgtcccgact gtaaccaccc 60
 tgagattacc ctgctgaaga cgcttctggt caaccagact aatccggctg atctctcatc 120
 gctgcatcag caaaatgccg taccgccgcg cgtcgcaaaa caactctgcc gtttactacg 180
 cctggccatc atttttgccg gccgtcgccg tgacgatctc gtgccagaga tgacattaca 240
 ggctaaccat gaactgttga ccttgacgct tccgcaaggt tggctaaccc aacatccgct 300
 gggtaaagag attattgctc aggaaagcca gtggcagagc tatgtccact ggccgctgga 360
 agtgcattaa tgagtaagtg ccggatgcga tgctgacgca tcttttccgg ccttgattat 420
 ttccctcgg 429

<210> 5490
 <211> 537
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (8)...(356)
 <223> similar to gil742763 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5490
 tgacagacat agtcagaaca gttatcgagg cttattgaaa atcatgccga cggcaaccaa 60
 tgcgcgcaat ttcactcagt gcgactcaat gctgattggc gctaattgtg gggcgcatatc 120
 ctccccgtat gttgagtgtc gtaacaatag tgcgcaactg gaacacgagg caacgacatc 180
 acgtattggg gaagatcaac tgttttactg cctgcaacgc gggatcagcg aagaagacgc 240
 catctcgatg attgttaacg gtttctgcaa agacgtgttc tcggagctgc cgttggaatt 300
 tgccgttgaa gcacaaaaac tcctcgccat cagtcttgaa cacagcgtcg gataaggaat 360
 aaacatgtta agtattaaag atttacacgt cagcgtggaa gataaagcta tcctgcgcgg 420
 attaagcctc gacgttcacg ccggcgaagt tcacgccatt atggggccaa acggttcggg 480
 caaaagtacc ttatcggaac cgcttgccgg gcgagaagat tatgaagtga ctgtccg 537

<210> 5491
 <211> 471
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(357)
 <223> similar to gi2367273 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5491
tgctgcgtcg tccggaaatg acttatgaaa aattaaccac gctgacgccg tttgcccctg      60
cgttgacaga cgaacaggcg gcggaacagg ttgagattca ggtaaatac gaagggtata      120
tcgcgcgccg gcaagatgag atcgaaaagc agctgcgtaa cgagaacacc ctgctacccg      180
cgacactgga ttaccgccag gtatccggtc tttctaacga agtgatcgcc aaacttaacg      240
atcacaaacc agcctctatc ggccaagctt cgcgtatttc tggcgtcacg cctgcggcca      300
tctccattct gctggtgtgg ctgaaaaaac agggatatgt gcgtcgtagc gcataacgca      360
ttaaaaatgc ctggtaagca cccgcttacc aggcaacgca tcaagaacag gtaatcactg      420
tgctccacga cctctcagtt gtgtatcaaa cacgcaggta tctctctcgc c              471
  
```

<210> 5492
 <211> 444
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (25)...(316)
 <223> similar to gi4062503 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5492
ttactaattc catgtcgcgt cccggagatc agccccactg taagggcggt cgcgggatca      60
atgcgcgtcg gctccgggac ggcgctggtg ggcgatggtc ctacggtcgc tgcgcgaatc      120
aacgaatatg ccgcgcttgg catcgacagt tttgtgcttt cgggctatcc gcatctggaa      180
gaagcgtatc ggggttggcg gttgctgttc ccgcttctgg atgtcgccat cccggaaatt      240
ccccagccgc agccgctgaa tccgcaaggc gaagcgggtg cgaatgattt tatcccccg      300
aaagtcgcgc aaagctaagg aagaaataat ggcaacgcca gtgaagaagt ggttattgcg      360
cgttgcccc tggtttttac cgggtgggcat cgtggcggtg tggcaactgg gtcctcgggt      420
tggtgggctg tcgacgcgta tttt              444
  
```

<210> 5493
 <211> 469
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(241)
 <223> similar to gi405858 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5493
 cgctggtggt tggctggaat attcaggata ccaccgctct gtggttgag ggctggattg 60
 ccagtcaaca aggatggcgc attgatgtcc tcgcccactc gctcaatcaa ctacgccctg 120
 aactattcga aggcgcgtaca ttgctggtgt ggtgcggtga aaatcgaacc tccgcccaac 180
 agcagcaact caccagttgg caagaacaag gccatgatat ttcccactc ggcatttaat 240
 gattcgttaa caaatgcgct ttactgtaca atcctttcgt taacataagg agtgcattat 300
 gcgcatagct aaaattgggg tcacgcgcct gttcctgttt atggcgtag gcggaattgg 360
 tggcaacatg ctgcgaggtt atacctttat ttggcggtgca aggttaagtga gtgcggcaac 420
 ctctatgatc atcccggttcg cgatgatgtg agcgcctaac ataaatgcg 469

<210> 5494
 <211> 563
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (565)...(197)
 <223> similar to gi537108 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5494
 ctgtggatcc atcccttcgg caaatccgac gacggcagct accagaacga gggcaataaa 60
 gccgttaact ttaaagccga tcacaggat aagaagcagc gcgacgcctg ccgcaataat 120
 gattaatggc atagtcttta tctcttatta gtgccagaaa agcagcgctt tcgcgctgca 180
 cgtagggggg ctgttaaaca gccactaaca tgccgccatc aacaaacaac aggtggccgt 240
 ttacgaaatc agaggctttt gaagaaagga acaccgcagc accaatcagt tcctgcggat 300
 ctccccagcg tcgcgcgggg gtccgtttgc acaaccaggc ggtgaaggct tcgtcctcaa 360
 ccagtgtctt agtcatttct gttttgaaat agcccggcgc aataccgttg acctgaatat 420
 tgtggcgcgc cagctcgacg cacatgccgc ggggtgagcat tttaccgcc cctttcgatg 480
 cggcataagg ggtgatgggt tcacgtccca gttcgctttg catcgagcaa atattaataa 540
 ctttcctgc cttgcgttca acc 563

<210> 5495
 <211> 533
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (536)...(150)
 <223> similar to gi405852 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5495
 gattacgaat tccatgtccg taccctgtaca tctccgggac tgggacattc ctgagggttac 60
 ccaaactgat ctcacgcgaa ccgacattgc ttaacgccgt cagggcctgc ggtgtcagtt 120
 ctaataattc cggacgtagt gaattcatga ctgaagattc tccgcaagcc atgatgccag 180
 ctgccccggc gtcattggcgg ctatttgtgc gccgacatta accagcgcct gggccgtatc 240
 gcgggtcatag caaggtgttg cgggtgctatc gagcgtgccc agtcccagca ctttgatgcc 300
 gctctggaca cactttttca cctgatgcgt cagtaatgat gatgaacccc cttcgtaaaa 360
 atcgctcacg aggataatga cgcttttcgc tggttgttca ataagttgcc gaccatactc 420
 cacggcactg gcgatattgg tccccgccgc caactgtact ttcattaata actctaccgg 480
 atcggaacg tctgccgtga gatcaacgac gcttgtgtca aacgccacca gat 533

<210> 5496
 <211> 389
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (391)...(83)
 <223> similar to gi4062233 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5496
 gcattcagcg cgacgattcc aggcgcgtac ccgttcttgt cgttgagatt gttcaatttt 60
 ctgcgtcatt ttgattgcct tattcttcgc ggatgccgga aagttctgca cgggagagca 120
 ccagacgggc gcgatcgata accggaccgt ccaccatctt gccgttcagg gaaaccacgc 180
 cgaggccttc gcgagcggcg gcttcagcgg cttctacgac gcggcgggcg tgatccactt 240
 ctttctgggt cggggcggtat aggatgtgca gcagatcaat ctgacgcggg ttgatcaacg 300
 atttgccgtc aaagcccagc tgtttgatgt gggcggtttt ttgcacaaat ccgggttcgt 360
 tgtttagcggc ggaattgacc cgattgaaa 389

<210> 5497
 <211> 590
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (592)...(92)
 <223> similar to gi3041757 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5497
 gaactgatta agagatccat aggtgaagaa gaaaaacggg gccagcaaca ataaccagcc 60
 agcgccctgt agcaatacgt tccgacgttc agttatcacg acgcaccgcc atcgaaaccg 120
 taaaaatacc ccaactcatca atccgttgtg tgcattttatc aaatccggca tcacgcacga 180
 gtgaatccat ctecccttgc gaacgcacgc gcattaccca cggtttacca tctttatgac 240
 tgggtaacac cccggcaatc atctccagtt gaggggtgcc cggctgcccg gtgtagatga 300
 gaatgccgcc cggttcgcgt gcattggcaa gacctgcgag tgagtttttt acctgctcat 360
 tttcgggaaa aagctcatatc aggccagaga caatcgccag cgtaggccgc ggagttaacg 420
 cgctgagttc ctccgggtta aacgcacgc cctgttcaaa acgcaccgc ccagacattc 480
 cccgttgagc aatcatctct tgcccctgtg caacatttaa ctgctgttaa tcacgtaaca 540
 aaatatcgt tacggcaggc tcgtttgccg gcgcacccag tacatagcgc 590

<210> 5498
 <211> 567
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (28)...(346)
 <223> similar to gi987639 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5498
 aagtaggaca cgattacgaa ttctaggtcc gtaccgggac atcggttatt atgcatttac 60
 tacgccggtg cagcaactcaa tttactcctg gcggaagatg agatgctgcg agtgggcgga 120
 aaagtgcgtg cgattaccgg ctttactcgg aatgccctgc aacagcgtgc ttctcattgc 180
 ctgtatacca ttgccgaaga acaagcgaca aacagtgcct caatctctgc ttgtcacgct 240
 cagggaaatg taacggattt gctgttcatt gcgctgattc agcaggatct ggaactggca 300
 ccagaacgta ttcgtcatag tgaagcgtg gtgaaaaaac tggctctgagt aaagaatgcg 360
 cgtataatgc ccgcccgggt tgtgtgtgtt tgagagtttc cttatggcgt tgttaatcac 420
 taaaaaatgc atcaattgtg atatgtgtga acccgaatgc ccgaatgagg cgatttcaat 480

```

gggagatcat atctacgaga ttaacagcga taagtgtacc gaatgcgtag ggcactacga 540
gacaccaacc tgccagaagg tgtgccc 567

```

```

<210> 5499
<211> 336
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (12)...(285)
<223> similar to gi882573 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5499
cttgtaaaac agttatgacc atgactacga atttcatgtc ggcacccgga gatcgtctgg 60
actataacaa acatactgat atccgcggta ctactgtcgt tggcgaacgt attctggaca 120
gccagagcgg cgaagtaact ttaggtactc cggtagtaat tacgttcaac aataccaaca 180
gctatcagga actgaatttc aaagctcgta tggaaatcccc aagcaaagat gccaccccg 240
gcaacgttta cgctcaggct gactacaaga ttgcttacga gtaatcgcat ttggccgggt 300
tcgcccggcc acatcattaa cggattaatg ataagt 336

```

```

<210> 5500
<211> 375
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(312)
<223> similar to gil789617 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5500
ccctggcgat gaccgactgc tcaacgcggg aagacggcct ggcattgcaa aagctgggag 60
ccgaaattat tggcactacg ctttctggct ataccacgcc tgaaacgcca gaagagccgg 120
atctggcgct ggtgaaaacg ttgagcgacg cgggatgtcg ggtaattcca gaagggcggt 180
acaacacgcc tgctcaggcg gcggatgcga tgcgccacgg cgcgtgggcg gtgacggctg 240
gttctgcaat cacgcgtctt gagcacattt gtcagtggta caacacagcg atgaaaaagg 300
cggtgctatg accacactgg cgattgatat cggcggtact aaacttgccg ccgcgctgat 360
tggcgctgac gggca 375

```


<210> 5501
 <211> 846
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (831)...(504)
 <223> similar to gi4062221 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5501

tttagttcgg	acgttattga	ctatattaat	tggttgttca	aggcctctga	gattttttctc	60
aagatgggtga	tgcagattta	accctgttgt	cgtcggcgcg	ataccttttc	ctgagcgaat	120
gaataaagg	tcattaaatt	gcgcacgtaa	gcgttgtaac	gactggctca	cggctgatgg	180
ggtgatatat	agtgattcag	cagctttgct	aatgcttaaa	tgctggtaaa	tacactcaaa	240
tatgacaaga	agatttaagt	cgaacttttt	caagtcgtag	agattggcca	tacactactc	300
cggttatatt	tttcttccat	gatatattca	cttaatcaat	gttttttgcg	tatatatttt	360
tattgattat	gattttttgc	ttaactcagg	attaagtttt	tctaaaatag	cacagccact	420
tatggcagag	cgagcaattc	atgctttttt	aggatgggtg	aaaagcaggg	atatagttca	480
accatccatg	aattaccttt	tatttattcc	ccataatgat	attaagcgtt	ttctgacgg	540
gcaacccac	ggcctgttgt	agcgtatttt	ccttactcat	gtaatagata	gccggcgtga	600
catttgcccc	cagatcgtcc	atcagtttat	cattgtcact	taacactttc	atttgctctg	660
tacttacgtt	tgcaggcag	tttagcttaa	gcttgccacc	agaggcttca	tattggtgcc	720
aggtttttgc	gggatctttg	gaggcaagaa	ttgcgcgtgc	tgtcgccggg	ctttctggct	780
tgatagcccc	agccagcaat	gttgtaatt	gcactttgtc	agagtctgcc	cgcaagacgg	840
accgga						846

<210> 5502
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(295)
 <223> similar to gil789468 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5502

ggattcggta	gtgcgtgcc	aaaaggtttt	tggtgaaaac	catatcacca	ttatctcgca	60
agaatttcat	aatcaacgcg	ccatctggct	ggcaaaacag	tacggcatcg	acgctatcgg	120
ttttaacgcg	ccagacctca	atatgaagca	cggtttttat	actcaactgc	gggagaaact	180
cgctcgtgtc	agcgccgtga	ttgacgcaa	aatcctccat	cgcagccga	aatatctcgg	240

gccttcggtc	atgattgggc	cgtttagtga	gcattggctgt	ccggcgcaga	aataatgcgt	300
atctgcgcac	gtcgaagatg	aaaaaggcgt	gctacattgc	cgacagaatc	cct	353

<210> 5503

<211> 637

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(437)

<223> similar to gi1651350 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5503

aaagacattg	gcgcgctgga	ggaagtgtgg	ggcagtagcg	tgatgaatcc	gtggctgcgc	60
aaagagcaac	aaagtagcat	tctgaaagtg	acggtgcttg	agcatcatcc	gcattacgcg	120
atgaccgcgc	tggcgctggg	cgatcagcat	ttgtgggtca	ataagctgga	cgaaccgctg	180
caagctgcgc	tacgtatccg	cattcaggct	tccgatgttt	ctctggtttt	acaaccgcgc	240
cagcaaacca	gcattcgtaa	cgtattgcgg	gcaaaagtgt	ttaatagtta	tgacgacaac	300
ggccaggtgg	aagtggaaact	ggaagtcggc	ggtaaaacgc	tgtgggcgcg	tatcagcccg	360
tgggccaggg	atgaactggc	gatcaaacct	ggcctgtggc	tgtacgcgca	aattaaaagt	420
gtgtcgataa	ccgcctgatt	aaatcagggt	gctataaatg	aactgggcaa	tgctgtcggt	480
ggtgttatca	ccaatcacia	tgttggcgcg	cgcttttacc	gcgtcatcgg	cgttgcccac	540
cgccacgcct	gtaccagcgg	cttcacagcat	actgatatca	ttaaagtatt	cgccgaatgc	600
cacgacgttt	tccatcgacc	aaccttgcgc	ctcaacc			637

<210> 5504

<211> 305

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (308)...(135)

<223> similar to gi882661 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5504

tgcctacggt	tctggcctgg	ggacttgtag	gcctgataag	acgcgtcaag	cgtcgcatca	60
ggcgctgaat	gtcggatgtg	gcgtgcggcc	tacaaatcaa	accaaattca	attggttacg	120
attatcccgt	caaagtaatt	ttttcgctaa	cgtccagacc	ccggtattcg	tggtggaaag	180
cgccacgaca	cccgcgttaa	tcgcattacg	cgcattctct	tcatcgacac	ccagcccacc	240

ggcaatcagc gggtggcgga ttttctctgt caccagccc agcactttgg gcatacagcc 300
 tggca 305

<210> 5505
 <211> 157
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(89)
 <223> similar to gi216531 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5505
 atcgcccttg cggcgttcct ctttgccaca gtgccgaacg atacgcatca aaatgtagct 60
 atttcgcggc gaaaaaggag cgcgcaatga agttctggcg acccggtatt accggcaaac 120
 tgtttctggc gattttcgcc acctgcattg tcttgct 157

<210> 5506
 <211> 404
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (406)...(47)
 <223> similar to gi396335 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5506
 catttgggct gttcctaagt gcgtcaggcg gtcaagtgtg tcatcactca tactctgccc 60
 gacacatcgc caccgtatct tctatcagac ggcgcgctac ggtgccgggc ggcggggagta 120
 acggcaaadc gtcatacgga taccagttcg cctcgagcaa ttctttcggg tcgatcacga 180
 tgtcgccgct gtcataattcc gccataaacg cggtcattaa agactgagga aacggccacg 240
 gctgagaagt cagctaacgc aagtttttaa ctttaattcc gctctcttcc atcatttccc 300
 gcgcgactgc ctgctcgagg gtttcgcccc cttcgacgaa tccggcaagt actgtatgga 360
 caccgttacg atggcgggta tgctgtgcga ggaggatcga atca 404

```

<210> 5507
<211> 730
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(733)
<223> similar to gi41437 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5507
tgtttgaccg tgaacgcggt gcttttaccg gtgccagtgc ccatgggtatc ggtcgttttg      60
aactggcgga taaaagctcc ctgttcctcg acgaagtggg cgatatgcca ctggagttac      120
agccgaagtt gctgcgtgta ttgcaggaac aggagtttga acgtctcggc agcaacaaaa      180
tcattcagac ggacgtgctg ctaatcgccg cgactaaccg tgatctgaaa aaaatgggtcg      240
ccgaccgtga gttccggaac gatctctatt accgcctgaa cggattcccg attcacctgc      300
cgccactacg cgagcgagcg gaagatattc cgctgctggc gaaagccttt accttcaaaa      360
ttgcccgtcg tctggggcgc aatatcgaca gcattcctgc cgagacgctg cgcaccttga      420
gcaacatgga gtggccgggt aacgtacgcg aactggaaaa cgtcattgag cgcgcggtat      480
tgctaacacg cggtaacgtg ctgcagctgt cattgccaga tattgtttta ccggaacctg      540
aaacgcgcgc tgcgcgaacg gttgtcgccc tggagggcga agatgaatat cagttgattg      600
tgcgcgtgct gaaagaaacc aacggcgtgg ttgccggggc taaaggcgct gcgcaacgtc      660
tggggctgaa acgcacgacc ctgctgtcac ggatgaagcg gctgggaatt gataaatcgg      720
cattgattag                                     730

```

```

<210> 5508
<211> 243
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (245)...(131)
<223> similar to gi544485 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5508
atgtccgtac ccgtagaacg taacgaatgg caggacaatg gagtgatgct ataaagctgc      60
cacgatgcgc acaccgatgg cttcatcggt cagcaaaata ttgccgaccc ctaagactaa      120
aatacgcatt acagaacctt cactgaaacc acttcgttgc cgtcagcadc cactacgtgt      180
accgcacagg ccatgcacgg gtcaaaggag tgaatggtac gcaccacttc cagcggttta      240
ttc                                     243

```

<210> 5509
 <211> 352
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (355)...(48)
 <223> similar to gi688405 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5509
 accggcgcaa taaacctgca ggatttctat caggccggga ttatttaatc cttcaatccc 60
 agacgtttcg ccagccgatg caggttggcg acgtcggttt ccagcatccg cgcgcaggca 120
 gccagttgt gatgattttg tgccagtgcc tgacgaatag tttcacgctg gaacgcttct 180
 gtcgcttcac gcaggttttg cttacaacg ggcaccgccg ccacttctgg cgtcggcaac 240
 gtcacctcag gaaaagcaaa atgttgcgcc tcaagaatca cttcatcgcc gctgcgggtg 300
 gctctcgcca gaactaccgc ccgatgaata gcatgttcca gttcgcgcac gt 352

<210> 5510
 <211> 214
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (217)...(6)
 <223> similar to gi1565189 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5510
 ggttactcgt cagcgatgct tgccggtggc cagttttcca ggcgcatgcc cagagacagt 60
 ccacgggaag ccagcacgtc tttaatctca gtaagagatt tttaccaag gttaggcggt 120
 ttaaggagct caacctcggt acgtgtacc agatcaccga tatagtggat agcttctgct 180
 ttaaggcagt tagcagagcg gacagtcaat tcca 214

<210> 5511
 <211> 171
 <212> DNA
 <213> Homo sapiens

<220>

```

<221> misc_feature
<222> (3)...(132)
<223> similar to gi290405 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5511
caggcgatcg cgtagtaata agtgggctgc agaaagtgcg tcctgggtgc caggtaaaaag      60
cacaagaagt taccgctgat aataaccagc aagccgcaag cggtgctcag cctgaacagt      120
ccaagtctta acttaaacag gagccgttaa gacatgccta atttctttat c                171

```

```

<210> 5512
<211> 360
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (3)...(282)
<223> similar to gi4062261 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5512
aacaattagt gcaggcctgc caacctacag aagaatcatt aatgccgatt gtgagccgcc      60
ttgatgcaga aaatcggttg ccaactggaag cattaattat tcgtcgatta ttaattcagg      120
cggcgaattt taccgagaag caaactgttg aaccggagcc gcaaccgcag ccaatgcccg      180
ttgacgatgg tgggccaggc tgtctgggca tcattaaaat tattttctat atttttatct      240
ttgctggttt gatagggaaa atactccatc tggtcgggtg acagtgcacg ttaatgtgcg      300
ggaagcccgg caagtaatct ttccgcattt ttgtaatgtt gcccggcggc cagtnttatc      360

```

```

<210> 5513
<211> 504
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(505)
<223> n = a,t,c or g

```

<220>
 <221> misc_feature
 <222> (2)...(290)
 <223> similar to gil45470 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5513
 aaaccgttcg cacatggctt acaggaagtc gccaaagcggg gtcgcgctgg aatgtaaaga 60
 cggtcgtatt ttcagtggca gctacgtga aaacgccgca ttcaaccgga ctctgccacc 120
 gttgcagga gcgtaattc tgttgaatct caagggttat gattaccgga atatccagcg 180
 cgcggttctg gcagaaaaag ccgatgcgcc gttgattcag tgggatgcc cctccgcaac 240
 gctgaaagct ctccggtgtc acagtatcga ccgagtgtt ctccgttaag cctgggtgccg 300
 gatgcggcgt gaacgccttg tccggttgc cagccctctc ctgggtgtcga aattcccggc 360
 aaacagtttg ccgtttcttg cgcaaaacca gcgggtaaag tagcctgatg gaaattttcc 420
 ttagatcgag tctcctgcat gttaaagcgc gtgttcctca gcctgttagt cctgatcggc 480
 ttgctgccgt tcnctgtgct nggc 504

<210> 5514
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(373)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (372)...(250)
 <223> similar to gil707458 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5514
 agaaattaac gcgcgatgat gaggcggaaa agtgagaaat aaatggggtc gctaaatgtc 60
 ccctaagggt gcgggcaaac gcaaaactgc ctgatgcgct acgcttatca ggcctacacc 120
 gtcctgcaa tatattgaat tcttgcggtt tcgtaggccg gataaggcgg tcacgccgca 180
 tccggcatga acaacgcgca ctttgtttagc aatctcgggg caactaaatg ttgccccctt 240
 tcgtttttac cctaccgctg gcgtcgggtc atcgcccttg tagtcgcgtt ttacttcggt 300
 cacctcatcg cccttctcgt tgtgcagatg cacttcaagc tggttaaagg caatgggtgat 360
 gtcgntttca cg 372

<210> 5515
 <211> 545
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (545)...(89)
 <223> similar to gil788699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5515

gtgcgccact	gatcgcccac	ttccttcagt	tcatgggctg	gtttggtccg	cagctccacc	60
agcgccctggc	aatatatttatt	actcattaag	ccccacgta	attccctgag	agataccact	120
cttcacctga	tgcagcccg	ttactgcttt	tccgtaaaca	ccgttcacga	cgcgccagaa	180
aattgtttcg	ttctggctgg	gagtggcttt	cacggaatgc	cgccatccac	accgttgacg	240
cacgacggta	taagccctg	gactccagtt	cttcgcctg	gcgggtcagg	cacaaaatca	300
cccgcgggtc	gttagtgccg	acatagaaat	tgcgcacagg	tctggtttca	cgaactgggt	360
gtgggtccgg	atcctgcgct	ctctcagtc	ggcgcgga	atgtctgtgt	gtatctcctt	420
cacaacgggtg	agccacacgc	ccactctgac	gtaacttgct	tgctgactgc	agaacgcgct	480
gccgtgagta	acctgcaaaa	gcattccgaa	tgtctcccca	agtacagccc	cgatgggntt	540
caatg						545

<210> 5516
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(226)
 <223> similar to gil742880 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5516

ttggccaacg	cattttacgcc	tgcgcgggtc	gggtttcgtt	aatgcgctcg	gacggatcgt	60
cgcagctctc	acgcctatg	gcgttgccgc	attattaaca	cattatgggt	cgatcacggg	120
gtttatggta	cttggtgta	tgttattgct	ctgtgcgctg	gttctctcca	tttttggcat	180
cgaaacgcgg	aaggtgtcgt	tggaagagat	ttctgaggtg	aattaaatct	ttcgttgatg	240
gcattcaattg	ccagatgtgc	cactgacgtg	ttttatttgg	cctacaatgc	cagtacagaa	300
ttgttggcc	gcgtaaaatt	accctgtgg	ctcttcccag	tctggcagcg	tat	353

<210> 5517
 <211> 588
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(404)
 <223> similar to gi537232 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5517
 gaaatcacg gtaggggcca gcggttgat gcagattatg cctgggtacag cgacccatac 60
 ggtgaagatg ttctctattc ccggttatag cagtcctggg caattgctgg atccggaaac 120
 gaatatcaac attggcacca gttacctgca atatgtttat cagcagtttg gcaataatcg 180
 tattttctcc tcagcagctt ataacgccgg accagggcgg gtgcgaacct ggcttgcaa 240
 cagcgccggg cgtatcgacg cagtggcatt tgtcgagagt attccattct ccgagacgcg 300
 cggttatgtg aagaacgtgc tggcttatga cgcttactac cgctatttca tgggggataa 360
 accgacgttg atgagcgcca cggaatgggg acgtcggtac tgatccgcac gtttatgata 420
 tgctatcgta ctcttttagcg agtacaaccg ggggaggcat tttgcttccc ccgctaacaa 480
 tggcgacata ttatggccca acaatcaccg tattcagcag cgatggcaga acagcgtcac 540
 caggagtggg tacgttttgt cgacctgctt aagaatgcct accaaaac 588

<210> 5518
 <211> 365
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(184)
 <223> similar to gi1773175 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5518
 cgaaaatgcc ggcacgcggg cccgctttac gttgggaccg gaagcgggtg tggacaaagt 60
 acgccatgct ttatttagcg agaagccgaa gatgcgctat ccggtgacgc tggtagacctg 120
 ggcggtaatg gtgcttaagc gcctgctgcc ggggcgcgtg atggacaaaa tattgcaggg 180
 gtgagttgaa gcgcgcgctt aagcccccat gtcaaagaaa atatcgacaa catgagagcg 240
 actccatgct cgtagaaaat attgtcaaca ttaacgaatc taacctgcaa caggttcttg 300
 aacagtcatg gaccactccg gtgctgttct attttttgtc tgaacggaac cagcacttgt 360
 tgccg 365

<210> 5519
 <211> 578
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (578)...(399)
 <223> similar to gi42034 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5519

tgggggttcag	caaccacatg	tacctgatag	ctatgacggg	cattcagggc	atcaagtacc	60
acctgattga	catcggcaaa	cgtcagttgg	ataccgcgt	ctgccagcag	tttaccgata	120
aagccacgac	cgatattacc	tgcgccaaaa	tgtaatgctt	tcatagtatt	aaccttcac	180
aatgttttta	cccgagaggg	ctgggggtgag	gcttttccct	cacccaaacc	ctctccgtga	240
ggagaggggc	agcgccggat	gcggcgtaag	cgccttatcc	ggcctacaag	aacgtgcaaa	300
ttcaacaaat	tgtgatgcat	cctgtaggcc	tgataagcgt	agcgcatcag	gcaattaacc	360
ccaccttctc	catgtggaga	gggtgggatt	ggattactta	cgacctgcca	gcagttccag	420
cacttcaccc	acgctgggtg	tgtgtgccag	acgctcgatg	acggactcat	catccagtgc	480
attggtcagg	ctggtgataa	cctgaatgtg	ctcgttggtta	cgggcagcaa	taccaatcac	540
cagacgggca	atgtcatctt	cttcttcncc	gtagccca			578

<210> 5520
 <211> 370
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(325)
 <223> similar to gi1789518 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5520

atatgccctt	tgcccatcaa	gtgattgagg	agcatatcac	ggtcaatcca	tcattaccgg	60
cattccgtca	tggcaagtcg	ttaggctctg	ggaaaaataa	agactgggtca	cgggtaaaat	120
ttggtgctgg	tcgttatcgt	ctcttctttc	gttatagtga	aaaagagaaa	gtcatcattc	180

tgggatggat	gaacgatgaa	aacactctgc	gcacctacgg	taaaaaaaca	gatgcctata	240
ccgtattcag	caaaatgtta	aaaagaggac	atcctcctgc	cgactgggaa	accctcaccc	300
gagaaacaga	agaaacccat	tgatggtgtt	cacaatgccc	gccgaacgca	ttcgtgttga	360
ccagcgggca						370

<210> 5521

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(329)

<223> similar to gil45453 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5521

tatcactgtg	atgaactctg	ccggaggcaa	agcatttgac	ctgttcggcg	aactgaccgg	60
tatcgagta	ctgctgacta	tgtgcocta	ttctactct	tgcgttgacc	tgattcgttt	120
tgaaggcgtt	aacatccgca	actttgtcag	cctgatctgc	tctgtactgg	gttgcggtgtt	180
ctgcttcate	gcgctgatgg	gcgcaagctc	cttcgagctg	gcaggtaacct	tcacgtcag	240
cctgattatc	ctgatgttct	acgctcgcaa	aatgcacgag	cgccagagcc	actcaatgga	300
taaccacacc	gcgtctaacg	cacattaatt	aaaagtattt	tccgaggctc	ctcctttcat	360
tttgccccat	gtgttgggag	gggg				384

<210> 5522

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(171)

<223> similar to gil800067 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5522

actgttgccc	attatgcagt	tgccagtggc	agatattaac	gccagaccg	ccattatgca	60
tgacggcaaa	gcctcagaag	gcgatattca	gggacacgtt	gatggttgga	tcaaagccca	120
ccagcagcag	ttcgatggct	gggtgaatga	ggcgctggca	gcgcagaagt	aatttttatt	180
cgggaggata	aggcggtttt	gccgcacccg	ccgttctgtg	cacaatgcct	gatgcgacgc	240
tggcgcgctc	tatcatgcct	acaaaccaca	tgcacattt	caacaatcta	tctttcatcc	300
catattcacc	aacatccgct	attattgatt	tccagcttaa	tcatcacctg	atgaacaaaa	360

ataatgacta	aacctaataca	tgagcttagc	cggcgctga	tcgtgctgat	gtctatcgcc	420
accggtctgg	cggtagccag	taactattac	gcccagccat	tgctcgacac	catcgcgct	480
aacttttccc	tttccgccag	ttcggcaggt	g			511

<210> 5523

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(261)

<223> similar to gil651330 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5523

cagcagtacc	gataatccgc	cagtgattgt	tgaagtgtct	ggtattggtc	agtacaccgt	60
ggtggttgag	aaagatcgcc	tgagcggtt	accaccagag	caggtggtgg	cggaagtgtc	120
cagccgtttc	aaggccaacc	cgaaaacggt	ctttctgata	ggtggcgcaa	aagatgtgcc	180
ttacgatgaa	ataattaaag	caactgaact	gttacatagt	gcgggtgtga	aatcggttgg	240
tttaatgacg	cagcctatct	aaacatctgc	gtttcccttg	cttgaaagag	agcgggtaac	300
aggcgaacag	tttttgaaa	ccgagagtgt	caaaggcaac	cgaacaaaac	gacaagctca	360
agcgggcgat	aattatttca	gcagtgtctc	atgtcatctt	atttgcggcg	ct	412

<210> 5524

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(720)

<223> similar to gil742424 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5524

catcactgtt	cgctcgctgta	catcgttcag	aatgcgaaaa	cctgtctgat	acccacctta	60
atcgtcttgc	ttcacatgat	ggacgtgata	cgccatcata	aaccaataag	tcgtcgggaa	120
gccagagcta	aagcgattga	cctgtctggaa	gagatgcaaa	tcccggtatgc	cgtggaagtt	180
atgtcgcgct	atccgtttga	gctttcaggt	ggtatgcgcc	agcgggtaat	gattgcgctg	240
gcattctcct	gcgagccgca	attgattatt	gccgacgaac	cgactacggc	gctggacgtc	300
acggtgcagt	tgcaggtact	gcgtttgctt	aaacataaag	cccgcgccag	tggaactgcg	360
gttctgttca	tcagccatga	tatgaccgtg	gtgtcgcaac	tgtgcgatag	cgtatacgtg	420

atgtatgccg	gcagcgtaat	tgaaagcggc	gtgacggcag	acgttatcca	tcatccccgg	480
catccgtata	ccattgggtt	gctgcaatgc	gcaccagaac	atggagtcce	acgccagcta	540
ttacccgcca	ttccagggac	ggtaccaaac	ctcacccatt	tgccctgacg	ttgcgctttt	600
cgcgatcggt	gctatgcggc	aggtgcacag	tgtgaaaacg	ccccggcgct	gacagcggtg	660
ggtgacaaca	accagcgctg	tgccctgttg	tatccgcagc	aggaggttat	aagtgtgtga	720
cacgttatta	acgttacgag	acgtccctat	ccctttcccg	gcccgtaaaa	act	773

<210> 5525

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (426)...(66)

<223> similar to gi4062426 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5525

cccatcatta	cgaattcaat	gtccgtaccc	gtagatcgca	cagagtggga	aagccttggt	60
ttatcccttc	ctgagaatgt	tcgatctgca	tatcttttaa	aaagataacc	atcagcgaca	120
gccacaaaat	tccgttgaca	aggttgaaga	gattaaacag	tccgttgccc	ccgttcagcc	180
aggcatgttt	gctgatttca	ataccaacgg	taaagatcag	catttgcagc	attcccatcg	240
cggcagaaac	cgtaccttta	ctcatatcgc	tggaacacag	ggtaaatcgc	accagtcccg	300
cattcgccag	accaataacc	aaagcataaa	tacttaaccc	ggcagtcac	cataaatacg	360
cgtgcgatga	gataaccggt	gccgcagcag	cgaccaatag	accaatcata	atcgccagc	420
cgc						423

<210> 5526

<211> 648

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (627)...(45)

<223> similar to gi504496 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5526

acggcaaagg	gaagagaaag	ttgcccgcag	gggcgggtaa	ctaccttaca	gcccccgcca	60
tccatgccga	taactcccgt	agctcttttt	cctgttccgg	gaagtcaacc	aacagcgctt	120
cgcactcctg	ttgcagcata	tctgcgcggt	acaggcagcc	ttgcagtcgt	ccggcgaggg	180

cttccagcgg	cgcgggggtg	aggctgtcgg	taaacacctg	ggcgcggggtg	atatggcctt	240
tttcaacgtc	gaaatgcagt	tccacgccgc	cccaggtaaa	gcgttcaccc	agcagatgcg	300
agaatgccgg	agcctgaccg	aagttccatt	cccagctact	ctggcgggca	aaggtttcgg	360
cgaagtttgg	caagtctggc	gttttggtcg	gggagatgat	ttccgcttcc	acgcgctcgc	420
cataatgggc	gaaaaaggcc	tcggttatgg	cctcgcaaac	ctgctcatgg	gtgatccccg	480
gcaacagctc	ggtgaggttg	gtcacgcggg	aacgtaccga	cgtaatgcct	ttcgccgcca	540
gtttcttttt	atccggtattg	agatagtttt	ccaggccaag	gagattaact	tggataacca	600
cagggttttg	gcagtcacca	cgatgtacag	gtacggacat	agaattcg		648

<210> 5527
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(418)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (6)...(300)
 <223> similar to gi1788533 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5527	
tggcagacca	ggaaaactgt ctcaactttc aggggctgcg ctgcgatgtt tgttatcgcg 60
aatgcccga	aattgatgag gccatcaccc tggagctgga gcgcaacacg cgtaccggta 120
agcacgccc	ctttctgccc acggttcaca gcgacgcctg taccggttgc ggtaagtgcg 180
aaaaagtat	cgtgctggaa caaccggcaa tcaagggtgtt accgctgtca ctggcgaaag 240
gggagttag	tcaccattac cgcttcggct ggctggaggg gaacaatggc aaatcgtaaa 300
cgtgacgcc	ggcgcgaggc gctggagaaa aaaggctggg ggcgagtc caagttggctg 360
gtgttacgtc	gcctttgtca gttcttcgtg ctgnggatgt ttttgagcgg tccatgg 417

<210> 5528
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (377)...(198)
 <223> similar to gi457174 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5528
atggtaccgc attattacca tgtacgaaga ccagcagcct gataactggc gcgtacaggc      60
gatactgtat gcatgagtgt catctacagc aaatgaacaa tgccggatgc ggcgcgagcg      120
ccttgtcggg cctacaattt tcacatattt catttagtta atcgaaacca gcgtcgcatac      180
agtcgtatac gcttacacac acactccccg cgtcgcccgc agcaataaat cattctggat      240
ctgctctgac aaccgtacgc cgccgcgcgt atctaacatc acctgacacc acgcctgcgc      300
cattggcgga gaagcatatt tcaacatttg cgcaccgcag cccagcagga atagctgatg      360
agtaatctct cgctccactt                                     380

```

<210> 5529

<211> 595

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (21)...(472)

<223> similar to gil773101 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5529
ccgcttcgac gatttcgtac gttgccgatg ctaaagatgc ggactacttg atcaaacgtc      60
atttcgctct atcgccgcgt attttacagg ggcaggcact gcgcgatctg gcaaattcag      120
ccatcgatct ctctgacggt ttgatttcog atctcgggca tatcgtgaaa gccagcgact      180
gcggcgacag tattgacctg gcattgctgc cgttttctga tgcgctttct cgccatggtg      240
aaccggaaca ggcgctgcgc tgggcgctct ctggcggtga agattacgag ttgtgtttca      300
ctgtgccgga actgaaccgt ggcgcgctgg atgtggctct cggacacctg ggcgtaccgt      360
ttacctgtat cgggcaaattg accgccgata tcgaagggct ttgttttatt cgtgacggcg      420
aacctgttac attagactgg aaaggatatg accatthttgc caccgcataa agatgtcgcg      480
aaaagtcgcc tgaagatgag taatccgtgg catctacttg ctgtcggatt cggaagtgga      540
ttaagcccga tcgttctctg gacgatgggc tcgcacgata tcgtcgaccc gggaa          595

```

<210> 5530

<211> 646

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (649)...(351)

<223> similar to gi4062774 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5530
caaaaaaatc atccatccgg ctggtcagca actgtagtgt ttaatgtgac agagccattg      60
cccatgatag tgtccattaa aaggatggac actatttccc cggaacctca actcgccgca      120
caggcgttct acatagatcg ctccggtttc attgttgact agaactggac atcagataaa      180
tcgcgcttta cccttgatgg agcctgtaca taggtggtgt gtaattgcct gcttgggata      240
tggttcatttc accatcaa at gaaggttaaa ttatggacga caaacaattg caggctcagg      300
ctgcgttcag caaagcatcg caaccggcga tagatgcttc attaaattta agattcagct      360
tctcttcag ccaccggtac gccaatcttc aacacttcat tatcttcttt ctcgccacc      420
gtccagatca tcccggaaca ctctacctgg tcaccgacaa ccggtgccgc gcctaacaac      480
tgctggacaa tttcaccag cgtttgctgc ttatcacgat attctgccc gtcttccagg      540
ccatatatca ggcgaacatc agcatatttg gcgctggctt cgagaatgaa gtcaccaaag      600
aagcgttgat ccagcgcgac cggcggcgac tggctgaaca gtttac      646

```

```

<210> 5531
<211> 586
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(569)
<223> similar to gi41625 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5531
aacgacaggt tctctgactt aacgccagaa acgctgggta cgcgcaataa agcgcagcta      60
aaagcgttct gggagaaaca cagcgacatc attcttaagc cgctggacgg tatgggcggc      120
gcgtcgattt tccgcgtgaa agaaggcgat ccaaacctcg gcgtgattgc cgaaacctg      180
actgagcatg gcactcgcta ctgcatggcg caaaattacc tgccagccat taaagatggc      240
gacaaacgcg tgctgggtgt ggatggcgag ccggtaccgt actgcctggc gcgtattccg      300
cagggggggcg aaaccggtgg caatctggct gccggtggtc gcggtgaacc tcgtccgctg      360
acggaaagtg actggaaaat cgcccgtcag atcggggcca cgctgaaaga aaaagggctg      420
atctttgttg gtctggatat catcggcgac cgtctgactg aaattaacgt caccagccca      480
acctgtattc gtgagattga agcagagttt ccggtgtcga tcaccggaat gttaatggat      540
gccatcgaag cacgtttaca gcagcagtaa cccaccttag cgagaa      586

```

```

<210> 5532
<211> 808
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(734)

```


<223> similar to gi581095 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5532
catgttatcg gagacctgcc aacgtatggt tatcgtcggg tatgggcggt gcttcgcagc      60
cagccagaac ttgatggat gctgcgatc aatgccaaac gtgtttaccg gatcatgcgc      120
cagaatgcgc tgttgcttga gcgaaaacct gctgtaccgc catcgaaacg ggcacatata      180
ggcagagtgg ccgtgaaaga aagcaatcag cgatggtgct ctgacggggt cgagttctgc      240
tgtgataacg gagagagact gcgtgtcacg ttcgcgctgg actgctgtga tcgtgaggca      300
ctgcactggg cggctactac cggcggcttc aacagtgaac cagtacagga cgtcatgctg      360
ggagcgggtg aacgccgctt cggcaacgat cttccgtcgt ctccagtggg gtggctgacg      420
gataatgggt catgctaccg ggctaataaa acacgccagt tcgcccggtt gttgggactt      480
gaaccgaaga acacggcggg gcggagtcgg gagagtaacg gaatagcaga gagcttcgtg      540
aaaacgataa agcgtgacta catcagtatc atgcccaaac cagacggggt aacggcagca      600
aagaaccttg cagaggcggt cgagcattat aacgaatggc atccgcatag tgcgctgggt      660
tatcgctcgc cacgggaata tctgcggcag cgggcttgta atgggttaag tgataacaga      720
tgtctggaaa tataggggca aatccaataa acaattggaa tttacttcca ttgatctggt      780
tactcagtgg ttgtcacgtt ttcgagga                                     808

```

<210> 5533
<211> 384
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (385)...(238)
<223> similar to gi1736484 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5533
gagatggaaa aactaacagc tgacattggt gcctggcggc ggccctcaca aactccagat      60
gatgagctac ctgttcggtg agtgagggtt tacgaggctc atattgcgct gctgcaactt      120
tccagaacga cataatgact tccttttcaa aatgactgca aattatgagt gcggtttaga      180
aaatactcat aatttagcag gcgttatgta agaaagtgtg actctgtata agttttatatt      240
aagtttgggc tcgtaaggta aacgtgacag attgaccgaa gccaaacggt gggcaataag      300
ccgctcgcga aaccagctgc gcaaatgttc aggctgttca cgttcaaccg cttcagcgat      360
caccggcata ttgtagcgtt cttt                                     384

```

<210> 5534
<211> 1542
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (40)...(523)
 <223> similar to gi665970 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5534
 tttcgtgtgg actggggccg gataatggcg ggcgctgcag aagatgcgcg agctcttttc 60
 cgggctgggg tctgcgcggc cctggaggcc tggccggcct tgcagatcgc tgtggagaat 120
 ggcttcgggg gtgtgcacag ccaggagaag gccaagtggc tggggggtgc agtggaggat 180
 tacttcatgc gcaatgctga cttggagcta gatgaggtgg aagacttcct tggagagctg 240
 ttgaccaacg agtttgatac agttgtggaa gacgggagtc tgccccaggt gagccagcaa 300
 ctgcagacca tgttccacca cttccagagg ggtgatgggg ctgctctgag ggagatggcc 360
 tctgcatca ctcagagaaa atgcaaggtc acagccactg cacttaagac agctagagag 420
 actgatgagg atgaagatga tgtggacagt gtggaagaga tggagggtcac agctacgaat 480
 gatggggctg ctacagatgg ggtctgcccc cagcctgaac cctctgatcc agacgctcag 540
 actattaagg aagaggatat agtggagat ggctggacca ttgtccggag aaaaaaatga 600
 gtggggatga ttggaaatgg ctttggggccc ttatttgctg ttctaagagt tgtctgtagg 660
 ggtttttttt tttgaggatt gaagacctgt gggacttggt taccctatct ccacctctc 720
 ccctgttctt ctgtctggct ccctccaggg caaggaaaac ctagggctct tggctcttggg 780
 ggtgggggga ccttttccag catattcccc tgggccttta gttaacatcc gagtgcagaa 840
 gccgggttcc ccagtacagt gtcttttggg tgcggtcatt gtgaggaagg ggatgagtga 900
 gtgtgggtgt ggctggagga ggagctagat gccgggtggc agtgggcagg tggatttggg 960
 gaggagagga tcagcagcag cagcagtact cagtgatagg gggctggctg ggtcaggaat 1020
 ggtgagatga acatgcaagt ggaagagaga atagttgaaa atgtgaatga aagtagctct 1080
 ggagcctctc ccttacccca cccacacac acgcaacagc tctgtacccc tgcccagAAC 1140
 ttggaacctc ccaggaatgc tgccttcctt cagcccagcc tccagtcctg ggttccctca 1200
 ggaattcgaa gaccttggct aggtggtgag cttggaagag ctgggctttg ttttctgtct 1260
 cctctaacct ctttccctac tccttatccc atcccatttg agttcagggg tgaggcttaa 1320
 gatcttaata aataatacct tactgcttaa tctgtggctt gacctgtgag tagtagcctt 1380
 agaatcagcc ttctgggagc tcagcttcag agtttacaag ggagcagttt ctgggcccac 1440
 cctagcagcc tgggtacttt ggacaaccaa acagatgaac gaacggagca cagcagtgtc 1500
 atgaaagtta ctgtaagcct gaaaataaac tgggtatttt ct 1542

<210> 5535
 <211> 1072
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1073)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (142)...(359)
 <223> similar to gi3878319 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5535
ggtggaattc ctgcgtacta cggcttcttc cagtcacctc ggcccggatc gggaagtgtc      60
aagcggg'gcgc tcccccatct ccgccgctat taccactgaa cccggacccc ctaccaggt      120
ccagggccag ccgccatgac gaacgtgtac tccttggatg ggattctggt gtttggtttg      180
ctctttgttt gcacctgtgc ctacttcaag aaagtacctc gtctcaaaac ctggctgcta      240
tcagagaaga aggggtgtttg ggggtgtgttt tacaaagccg ctgtgattgg aaccaggctg      300
catgctgctg tggcaattgc ttgtgttgta atggcctttt acgtcctggt tataaaatga      360
attccaaagc acccaagtca tcaactgcca accaagggga cggggatgaa gaacctgttg      420
gagacctgaa cccagtgtag gagagttag ctgaaatcat cgggtccccag gatgacacca      480
cagcatctgc ccctgctata tgtggggaaa actcatggtc acgaacatta tttatgcttc      540
aggggactac agaaagccag cttcctttga tctatgtgta aatcagtcct tggcagagtg      600
catataatgt ccggataaat tacaccctc ggtgataaga ttacatacct ctttcataaa      660
aacctgtcat cctgttttgt tcttcagctc ctcacagga tcttttcaaa ctgaggctca      720
ttaggggaagg aactaggctg tgttcagact tcttttgaag agagagaatt ttcaagactt      780
cttttctactc tttgatttgg atctggcaaa ttggggaggg gatgctgggt gggaaacagt      840
tatgaaaatg ccaaagaaaa ttctttggct ttagaaaatt ttatcctttc atggtaaccc      900
atccggggaa ccttaaaaga gagggcatag tgcttcattg gcaaaaagag gaacagatga      960
agtagctgtg tttatgtggc tgggtatctt tgagagtttt tgcccaagga aantctgggg     1020
cctacataaa tttggggatt tttccgtgtg gtggggaccc ggaaggcgtg gc              1072

```

<210> 5536

<211> 989

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (876)...(526)

<223> similar to gi577311 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5536
tttttttttt tatctttctg ttctctgttc attgaacatt ggtttttaag gttccaaacc      60
tactaaatga aaagtgggaat gaatgggtact tgtagcttgg atttaactca attttgaata      120
ttgtcaatct agtacaattt cttaaattta gcttaagata tctgcaaagc caacaatggt      180
tctaagacaa gatgagggtta cgggcttcaa tcaataagaa aaataaaaaa gcaattaatt      240
tattatttgg aaccaccag gtcattatgc attaatTTTT aaatactgca acttcatggt      300
ttatagaaac tagaaacatg attcaaaatg tcacaaagtt atattaaatt aaaaccactt      360
tagacaattc aaggtctcac tgaccaaagt ccattaaggt gacagttttg ctgttttggt      420
actggttccc acatgatata atctcttctc aatttcattt gaagattatg aactcgtatt      480
ggatgaaagc tgctgttttt ctgaaaaagg ttagtgtcag tcaaacattt tctggggcta      540
ttttttatgt tctttgatcc tttagggtag ctgtcttctt gctgaatacc tgaagcttca      600
ctcatctttg agttttgaac tttttgctgc agtttacaga cactgtcttg atgcttcttc      660
agtttggaga tttgttctcc ttttaatttc attttcttga gtaaactctc tagttcacat      720
tctatgtcgt cacagactga atgactttca gtttccttca tttgtttcag tagttcttgg      780
tgctccatgc tcatttggtc cagctcatct tgcattgcca tcaaaagttc agataaattg      840

```

tcacaaatgg	aaatggactt	ttctgagtca	ggaggaatag	ctttacacca	ggaagttggt	900
ctagaaggct	tggggagaca	tctagtctca	gtcacgttaa	aaggtttctg	aaggatatgt	960
gggtcacgat	gttgccat	ctgcaaaaa				989

<210> 5537

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (308)...(112)

<223> similar to gi5689427 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5537

ctacatgggc	cctctcatga	gtctctgtgc	cagaggttgg	tgggggaagg	gagaaaggaa	60
aggagggaga	ggatgtcact	gtcctcaaac	cgagcttctc	tgctccatgc	tatcctgggg	120
gcttcaggtg	aatggctcgc	ctggtggggc	gagcagccag	gatgtagagg	acattctctt	180
gcaggaaggt	agggcagtc	acaaatctgg	actcctgctc	tgtgggcagc	agggctctgt	240
cctgactctt	gctgctgctg	ctggctgggc	tgctatctgc	gatgggaccc	acatggctga	300
tgctgacacg	aaatcgtcga	cc				322

<210> 5538

<211> 1825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (628)...(1595)

<223> similar to gi2589223 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5538

ctcttttatt	cccttttcga	cgatttcgcg	ggacatgaca	gctttaaccc	atgactcaaa	60
gtctcaggga	ataatacaca	gtgttgaaat	gcctctcttg	cctaccaggt	ctcaagtttg	120
acatgaaata	catgaacttc	cgtgtgaagg	cctgtcacia	ggcagttgca	ggagagttct	180
ctgagccggt	gactctggag	acaccaggtg	actggaatcc	cagcactttg	ggaggccgag	240
gcgggtggat	cacttgaggt	caggagttca	agaccagcct	ggccaacatg	gagaaaccct	300
gtctctacta	aaaatataaa	aaattagccg	ggccatgggtg	gtcacgact	gtaatcccag	360
ctactcagga	ggctgaggca	ggagaatcgc	ttgaaccagg	gagtcggagg	ttgcagtggg	420
ccaagatcgt	gccactgcac	tccagcctgg	gtgacaagag	caagactctg	tctctaaaaa	480

aaaaaaagtc	tccccctgc	caaacatgga	acccctttgt	ggccatgccc	ccaaaattgt	540
ccaacatgtg	gttgggcagc	cctgcaggaa	gccccctgcc	ccctgaacca	ggcacagaat	600
cccgaccccc	tctcctttcc	gtcttggtca	gggcccagcg	cacccgggat	cgacctggct	660
gagtccttgg	tggcagataa	ctgtgtgacc	ctggtgtggc	gcatgccgga	tgaggacagc	720
aagattgacc	actacgtgct	ggagtaccgg	cggaccaact	tcgagggccc	gccccgcctc	780
aaggaggacc	agccctggat	ggatcatcgag	ggcatccggc	agacagagta	cacctgaca	840
ggtctcaagt	ttgacatgaa	atacatgaac	ttccgtgtga	aggcctgtaa	caaggcagtt	900
gcaggagagt	tctctgagcc	ggtgactctg	gagacaccag	cgttcatgtt	ccgcctggat	960
gcgtccacat	cccaccagaa	cctgcgggtg	gatgatctct	ccgtggagtg	ggacgctatg	1020
ggcggggaagg	tgcaggatat	caaggctcgc	gagaaaagatg	gcaaggggcg	gacggcgtct	1080
cccatcaact	ccccagccag	aggtactcca	tctcccaaga	ggatgccctc	aggtcgtggg	1140
ggacgggacc	gcttcaccgc	tgagtccctac	acagttcttg	gggacacgct	gatcgacggc	1200
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ctggacgccc	ccgtgcccga	ctgcctgggt	gtgcaactgtg	acttccacca	aggcctcctg	1440
tccttctaca	atgcccgcac	caaacaagtg	ctgcacactt	tcaagaccag	gttcacacag	1500
ccgctgctgc	ctgctttcac	ggtatggtgt	ggcagcttcc	agggtgacgac	aggcctgcag	1560
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aagcccaggc	tgctggagcc	aggcaccctc	ctctgtcact	tgctgcttgg	agccttaact	1740
ccagatgggg	gggtcaccaa	gagggagtgg	gcaccctggc	gggccctctc	cccacctcac	1800
ctcttaataa	aggtcagaca	ctggc				1825

<210> 5539

<211> 2802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1256)...(2063).

<223> similar to gi1903458 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5539

gcggccgcgg	gcgggaggtg	cttcccaagg	accgtagatg	cctctctaga	gcatgagctc	60
aggcaagagt	gcccgtaca	accgcttctc	cggggggccc	agcaatcttc	ccaccccaga	120
cgtcaccaca	gggaccagaa	tggaaacgac	cttcggaccc	gccttttcag	ccgtcaccac	180
catcacaaaa	gctgacggga	ccagcaccta	caagcagcac	tgcaggacac	cctcctcctc	240
cagcaccctt	gcctactccc	cgcgggacga	ggaggacagc	atgcccccca	tcagcactcc	300
ccgcgcgtcc	gactccgcca	tctctgtccg	ctcccttgca	ctcagagtcc	agcatgtctc	360
tgcgctccac	attctcactg	cccaggagg	aggaggagcc	ggagccactg	gtgtttgcgg	420
agcagccctc	ggtgaagctg	tgtgacagc	tctgctgcag	cgtcttcaaa	gaccccgtag	480
tcaccacgtg	tgggcacacg	ttctgtatga	gatgcgcctt	gaagtcatag	aagggcgcgg	540
tggacaacgt	caaactgacc	gcggagggtg	acaacatcac	ggtggccgag	cagatcgggg	600
agctcttcat	ccactgcggg	catggctgcc	gggtagcggg	cagcgggaag	cccccatct	660
ttgaggtgga	cccccgagg	tgcccttca	ccatcaagct	cagcggccgg	aaggaccag	720
agggcagctg	tgactacagg	cctgtgcgg	gtcccaacaa	ccccagctgc	ccccgctgc	780
tcaggatgaa	cctggaggcc	cacctcaagg	agtgcgagca	catcaaagtc	ccccactcca	840

agtacgggtg	cacgttcac	gggaaccagg	acacttacga	gacccacctg	gagacttgcc	900
gcttcgagg	cctgaaggag	tttctgcagc	agacggatga	ccgcttcac	gagatgcacg	960
tggctctggc	ccagaaggac	caggagatcg	ccttcctgcg	ctccatgctg	ggaaagctct	1020
cggagaagat	cgaccagcta	gagaagagcc	tggagctcaa	gtttgacgtc	ctgggacgaa	1080
aaccagagca	agctcagcga	cggacctcat	ggagtccgg	cgggacgcat	ccatgttaaa	1140
tgacgagctg	tcccacatca	acgcgcggct	gaacatgggc	atcctaggct	cctacgacct	1200
tcagcagatc	ttcaagtga	aaggacctt	tgtgggccac	cagggccctg	tgtggtgtct	1260
ctgcgtctac	tccatgggtg	acctgctctt	cagtggctcc	tctgacaaga	ccatcaagggt	1320
gtgggacaca	tgtaccacct	acaagtgtca	gaagacactg	gagggccatg	atggcatcgt	1380
gctggctctc	tgcattccagg	ggtgcaaact	ctacagcggc	tctgcagact	gcaccatcat	1440
tgtgtgggac	atccagaacc	tgcagaagg	gaacaccatc	cgggcccattg	acaacccggt	1500
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tcctgggtga	aataaatgct	ccacagactg	tggctgtgag	tggggacagc	tcctcgggac	2460
aagggggctg	tgtgtggcct	tgaggttggt	gtgcacaggc	actggctgct	gtgagtgggg	2520
gggcatgggg	cagtttctct	tgggtggacc	caggacttcg	gcccactccg	gggcctcccc	2580
tccctgctag	gaggcaactc	gacacaccca	agctgctggc	ctccagtccc	atctccccc	2640
acacattgtg	ccccaaaaaa	gtgagccagg	cacctctgtt	tctgctgtt	tattgacagc	2700
cgacggagac	gccttgccca	gacctccct	gcccacctgc	tggagcccag	cctgtgccgc	2760
cctctgagga	gaggcctggg	gggacagctg	ggcacgtcca	ct		2802

<210> 5540

<211> 1833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (27)...(1059)

<223> similar to gi5706505 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5540

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aactacaaag	ggatcggtgc	ctatatcaca	ataccaaact	tgataataat	ctagattctg	120
tgtctctgct	tatagaccat	gtttgtagta	ggaggcagtt	ccatgttat	acgcagcaga	180
tacttacgga	gcattgtaat	gaagtgtggt	tctgtaaatt	ctctaattgat	ggcactaaac	240

tagcaacagg	atcaaaagat	acaacagtta	tcatatggca	agttgatccg	gatacacacc	300
tgctaaaact	gcttaaaaca	ttagaaggac	atgcttatgg	cgtttcttat	attgcatgga	360
gtccagatga	caactatctt	gttgcttggtg	gcccagatga	ctgctctgag	ctttggcttt	420
ggaatgtaca	aacaggagaa	ctaaggacaa	aaatgagcca	gtctcatgaa	gacagtttga	480
caagtgtggc	ttggaatcca	gatgggaagc	gctttgtgac	tggaggtcag	cgtgggcagt	540
tctatcagtg	tgacttagat	ggtaatctcc	ttgactcctg	ggaaggggta	agagtgaat	600
gcctttgggtg	cttgagtgat	ggaaagactg	ttctggcatc	agatacacac	cagcgaattc	660
ggggctataa	cttcgaggac	cttacagata	ggaacatagt	acaagaagat	catcctatta	720
tgtcttttac	tatttcaaaa	aatggccgat	tagctttggt	aaatgtagca	actcagggag	780
ttcatttatg	ggacttgcaa	gacagagttt	tagtaagaaa	gtatcaaggt	gttacacaag	840
ggttttatac	aattcattca	tgttttggag	gccataatga	agacttcatc	gctagtggca	900
gtgaagatca	caaggtttac	atctggcaca	aacgtagtga	actgccaatt	gcggagctga	960
cagggcacac	acgtacagta	aactgtgtga	gctggaaccc	acagattcca	tccatgatgg	1020
ccagcgctc	agatgatggc	actgttagaa	tatggggacc	agcacctttt	atagaccacc	1080
agaatattga	agaggaatgc	agtagcatgg	atagttgatg	gtgaatttgg	agcagacgac	1140
ttctgtttaa	cttaaaatta	gtcgtatttt	aatggcttgg	gatttggtgc	aaacaaacat	1200
gattgatagc	tggacagaca	tgctcgtcat	gaaaaaagaa	ccatttctga	agcccgattg	1260
gggccaaaaca	tttacacctt	gcttcatagt	aaccagttga	gatgaagcac	gtcgttagaa	1320
cgttgttgga	caccatgttg	aattattccc	ccatcggttg	tgaagaactg	tgctacattc	1380
aggcttacc	attgaactca	gtatatatat	tttttccctt	cctgtctttt	gtctggcagg	1440
ataccattct	tgttgctctt	ctgtgtaatg	aagtttaaat	gcttgtttgg	aaaactttat	1500
ttaacagttt	agaaggcttg	atagaaagag	tgcattagtc	tgaagagtat	acattggata	1560
ggaaagaatt	tccttctttt	gtttctccaa	atctttccgc	cttatttagc	ttgagatctt	1620
tgacgcttgg	ttcatggatt	ctagccttgc	ccgttgcgca	gtatatactg	atccagatga	1680
taaaccagtg	aactatgtca	aaagcactct	caaataattac	attttggaca	aaaagttttg	1740
tacttttcac	atagcttggt	gccccgtaaa	aaggggtaac	agcacaattt	tttaaaaaata	1800
aattaagaag	tatttatagg	attaaaaaaa	aaa			1833

<210> 5541

<211> 1251

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1194)...(366)

<223> similar to gill177358 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5541

tttttaagag	gttcatgaca	caaatatatt	tatattaggt	gaatcaatca	cccaggatac	60
ccaagatctg	atactttcac	aaactgcttg	gaggcaactt	aagtatggaa	gaagcttcag	120
aaccagccca	gctttctgct	ctctggctcc	aggctgcac	ctttttaact	atttaatgtg	180
gcgtggaaaa	tgtagcata	atgaggcttt	ctcatctcaa	tagagaacct	aggaaggaca	240
aggccgaatt	aaaaaaaaa	tcttcattaa	agaatttaat	aggagattga	ttatgttgta	300
gaatcatatc	gtcctattct	gtgacacatt	agaaacataa	actttagggc	tttttcatct	360
ccacagcata	gaggtctgat	cgcttctgtc	taaaaacggg	gatttgctgg	cgtatttcag	420
ccagcttctt	caggtctatg	tctgaataca	cgattgcttc	ttctgtgcca	gctttggcta	480
gaacctcccc	ccaagggttc	accacggtgc	tgtgtcccca	ggcaacatag	gaggctttgt	540
catcccgggc	aggagaggct	gtggccacat	acacctgatt	atcaacagcc	cggcttcgct	600

gaagtaactc	ccaatgggct	ggtccagtgg	tcagattaaa	agctcctgga	tataccaaca	660
gctggcagcc	tctctgtgcg	tagatttgtg	caagctctgc	aaaccgcatg	tcgtagcaga	720
tgcccagacc	cactctgcag	taaggagtat	caaagtgtga	gaaactatca	cccggactca	780
atgttttaga	ttcttgaaat	gtaatttttc	caggaacatc	aatgtcaaac	agatggatct	840
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tcccagcadc	ctcttcaggg	atagagcctc	caatgagata	tatgctgcat	tcctttgcta	960
cttcagaaag	cttctgtgtg	gattcaccag	gaattttctc	tgcatattca	ggaaaatatt	1020
tcgctccata	tggagaatta	aagcattccg	gcaaagaaac	tattttggct	cctgcggtg	1080
ctgcctcccc	gatgaagcta	caagcgcgag	tgacgttatc	tgatttgatg	gaagaaatct	1140
gaagctggat	gagggccaag	cggaaaagagg	tcatgactct	gcagacaagc	accacctgcg	1200
gcgcggaatg	agcgcctggag	atccggcgga	ccgcggcgctc	gctacacgaa	a	1251

<210> 5542

<211> 1553

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1324)...(641)

<223> similar to gi3878106 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5542

tttttttttt	ttaagtttga	agccttgccc	aagctttaat	gtcatgctaa	ccagttacct	60
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cacacctgat	tttaagtgt	ttaaaggacag	aaaatgtcgt	tgctttaaat	tgtagctttg	180
ttcagagaca	tctggatttg	ctgtatccat	acaagcaaaa	gcttttccaa	ttccagaatc	240
aaccacact	aatttggtat	tgctctgtac	tgtattggcc	cagctgtaat	caactcagca	300
ggcttttggt	tgtaaattca	agtggaaatt	gagttggctc	tatttggtgc	cgttgatata	360
tgagggtgt	gaggaagatg	gccagtaggt	caaaggggaat	agtgttgaaa	agctgaccag	420
tactgggcag	gtggccggct	gtccctcagg	caccacaacg	ccgagccacg	gtaaggggca	480
tgagccacat	ttgcagaata	tagccagagt	ccttcagaaa	cctcctgatt	cgcgccagga	540
ggcatcccag	ggcacacaag	tgtcaagggc	ctactcaggt	gcttggcaga	gctctctgtg	600
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gcgggaatgt	ctgcttctct	tgcagctgta	gtttgttggc	ctccaagcct	ctggtgatcg	960
cagcttctac	ctgggtcagt	gccgggggtg	gcagcccatc	ctctccgtag	aaccgtcctg	1020
tcacctccc	aacacacaca	taattcttct	catagaatga	aagccaattg	tgaagtgtca	1080
gcatctcagc	ggctgacagg	tcgatacgt	catccacgag	gcctgcttca	gaacagtcct	1140
cggtcacgaa	agctctggat	gcgtctcggc	ctgcgaagcc	gctatagtgg	gaccacaggct	1200
cgtagtgct	ccggccggag	gacacatcgt	agacacggcc	gagcaacgcc	aagtacaggc	1260
ccgggtcccc	tgggcccgcg	cggtagcgag	acagctctc	cggtatgaaa	aggcgaaagc	1320
cagcgcgggg	acccaccag	cccataagcc	gtgctgccat	taccgctgct	gcggctacag	1380
ccaggcccaa	caaaagccca	cggcctccgc	acctcaacat	ctatataggc	ccaccgctc	1440
cgcacttccg	aggttgccgc	ctctatctac	agctaagatg	gccgagacgc	cgagcgtgac	1500
gtcatcggcg	cgcgcgtctc	cgctctctct	ctcgcgcgct	agtgtctcg	ctc	1553

<210> 5543
 <211> 1516
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1094)
 <223> similar to gi5911963 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5543
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 gtcaaaatcg atcagagaaa tgtaaaaaa gagttcacta gccatgcttt agattctcat 120
 atcttagatt attatgaaaa tccagccatc aaagaggatg tatcaacatt aataggatgat 180
 gatttggcat cttgcaaaga tgagactgat gaaagctcaa aagaagaaac tgagcctcaa 240
 gtgctgaagt ttagagtcac atgcaacagg gcaggagaga aacattgctt tacctcaaat 300
 gaggctgcaa gagatttttg ggggtgctgt caagattatt ttaagtggaa ggccgacatg 360
 accaactttg atgtggagggt tcttttgaac atccatgata atgaagtcac tgtgggcatt 420
 gcattgactg aagagagtct ccaccgaaga aatataacac attttggacc tacaactctt 480
 agatcaactc ttgcctatgg gatgctcagg ctctgtgatc ctctacctta tgatataata 540
 gtcgatccaa tgtgtggaac tggggcaata ccaatagagg gggccactga atggtctgac 600
 tgcttccata ttgctggtga taataatcca ctggctgtga atagagcagc aaataacatt 660
 gcatctttat tgaccaagag ccaaattaaa gaaggcaaac cctcctgggg cttgcccata 720
 gatgctgttc agtgggatat ctgcaatctg ccattgagaa ctggctctgt ggatattatt 780
 gtaacagatt tgccatttgg aaaaaggatg ggatccaaga agagaaactg gaacctttat 840
 ccagcttgcc tacgggagat gagccgtgtc tgcacaccta ccacaggccg agctgtacta 900
 cttactcaag acacaaaatg ctttaccag gcgttatctg gaatgcgaca cgtatggcga 960
 aagggtgata cagtctgggt gaacgttggg ggtcttcgtg ctgcagttta cgttctgata 1020
 cgtacacctc aagcttttgt tcatccttca gaacaagacg gagaaagagg aactccttgg 1080
 caatgcaaag aatgaagatg actaatagta cttgtacttc ccaccactgg aatgtttagc 1140
 ataaaagaac ttggagagga aaaaagtatt aacaaaactg cagtctgcac tctttaaac 1200
 tgtttaaggc tcttcactct ggtagcaaa aggtgtgaat gtaatgtgat ggaatttaaa 1260
 agttttatga gaccaggcac agtggctcac gactgtaatt ccagcagttt aggaagccga 1320
 agtgtgcaga tcacctgagg tccggagacc aggcctggcc aacatggtga aaccctgtct 1380
 ctactagaaa tacaaaaatt agccagggtg ggtggcgggc gcctgtaatc ccaactactc 1440
 aggaggctga ggctagagaa tcacttgaac ccagcaggcc ggaggttgcc ggtgaagtcg 1500
 agatcacccc attgca 1516

<210> 5544
 <211> 492
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (394)...(280)
 <223> similar to gi4589248 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5544
 ccgtggccct gcagagcact ccctctcttt ttctagaggc aggaaacagg tccagagagg 60
 ttcggtggct gtccagtagt tttagtagga agtaagggaag taggaaggta gaagctgaat 120
 ctaggtagga ctgtgggctc tcgagtgcgt caacttaaca ccattgcca tttcagcacc 180
 aactccccctg tccctccaga tgggtgtggct ctcgagggca gactaatccc atcaggcctt 240
 ttcaggcctg gcctccctgg cccaccctgc ttagcacctg cggatctcag gggccagctg 300
 ctccatgtcc tgggtggaaga cgtagggagg gttgctgaca atcagggtcca tggggcccca 360
 gggcaggtgt gtccagctcc tttctgtcgt caaagaagag gacacacagt agggactaac 420
 ccattgggag gtaaaggatg atagctccac ctgccaccat gtgcctctca ccattgccaca 480
 ccttgggcct gc 492

<210> 5545
 <211> 2081
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (37)...(567)
 <223> similar to gi3298607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5545
 cgaccatgct taccgattca ctggccgctg tgactgggtga accatcaaaa gagagtgata 60
 gaatctggcc cagaccattt gaatgacaat gaataacca agtttattcc tcctaattat 120
 cacacacctc cttatctcac tggtagacca gaggttaactt accaccgatt aaggccacag 180
 gataagtttc tgggtgtggc tactgatggg ttgtgggaga ctatgcatag gcaggatgtg 240
 gttaggattg tgggtgagta cctaactggc atgcatcacc aacagccaat agctgttggg 300
 ggctacaagg tgactctggg acagatgcat ggccttttaa cagaaaggag aacaaaaatg 360
 tcctcggat ttaggatca gaacgcagca acccatctca ttcgccacgc tgtgggcaac 420
 aacgagtttg ggactgttga tcatgagcgc ctctctaaaa tgcttagtct tcctgaagag 480
 cttgctcgaa tgtacagaga tgacattaca atcattgtag ttcagttcaa ttctcatgtt 540
 gtaggggcgt atcaaaaacca agaatagtga gtggctcttt cactggcaat tctcaaatga 600
 tacacattta aagggcagat ttttttaaaa agatactact ataataaaca tttccagttg 660
 gtcattctaa gcatttacct ttttgatact ctagctagtc aggtactcca aattgacttt 720
 gcagcagggt ggcagggtca ggagagtctg gtccctgcta gtcagattt catggcacct 780
 gccacttgaa gcaagtcact tctttatcac aggtgtcttg aaacattagc ttcttttacc 840
 aacctgagaa aattaggatg acctggcaaa taagatcttg aataggccaa aagcaagtat 900
 cttgctgtgt gtagtctctt ggtaaagtg aagaaacagt actgttcaca cttttcttca 960
 ctgagattcc agtgtacatg agaacatata tttattgcat gattttctag atacacagtc 1020
 tatgcattat tcatatacat ttatttttagc cttaaagtgg tttcaaatcc agttcttcaa 1080
 gccataaatg accaagatcc aagcaatctg aatttgtttt tgtgattatt tgactggaat 1140

gcttcttaag	tggaataact	atactccgtt	atccacccga	tttcctaattg	taattgaaag	1200
atcttctatt	ttgccacaca	cttggagaca	ataaggggtt	ttagtcttat	ctactcttct	1260
attgaagtta	aagaaaaaaa	aaaagatttt	tttatttgta	ttaatgaaaa	gctttagttt	1320
aaaataagga	gatccagaat	aaaaagaaga	gactgatctc	ttcaattatt	gtcatctgta	1380
gccaccagca	catcactctt	atgtaatccc	caaaggcttg	gcatgccgta	agtgtgtggt	1440
gggtagactg	ctgccgggga	atcgactctc	ttatttagta	atgataagac	ttttcattat	1500
ttttggaatt	ttaaagatga	cataaataag	tttaaatac	aatttgggga	gtaagggtta	1560
atattgccat	cgggtattga	gacaggagga	agtttctggt	tttctccatt	tagacatagg	1620
tcaattaaaa	tatttgggtt	taaaatgact	aaatgcttta	aacatattgt	agcttaagat	1680
atatgtgtta	agatatatac	atgagaaact	ttaaaaggta	actactgtgc	atgcctgatg	1740
cttaatagaa	tacttagtgg	catcaaatgt	ttgcagcagt	ctccataatt	atattcagtc	1800
ccttctaata	ctgtatcaat	gtaaatgaaa	taaatatatt	caaattggct	ttttgatatg	1860
catcaagtgg	cattttgttc	ctgtgtttta	tagtgatctg	tatacagctg	tgcacatatt	1920
gtcatcactt	attctagcat	cactgttaag	gctgtgatta	tggttgatat	tcacctggat	1980
tttaatacaa	gccaatatca	gcttcccatt	gtgtaataac	ttgggtgttt	aggagtcttt	2040
tcacattttt	tggggatatg	aactagatgt	tcaagaactc	c		2081

<210> 5546

<211> 3018

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3019)...(1219)

<223> similar to gi5817280 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5546

aagctcacag	caaagagaag	ggctctgaaa	gcaagttgcc	agttgcccc	ttcacagtgtg	60
aatacaaggg	tgtaaggcac	gaatttctgg	tggctccacc	ccatccttcc	agtgtgcctg	120
tgggccctta	gtctgagcca	ctccatatta	atttatatcc	cttgctgtgc	atatgttacg	180
gaatggaatt	ttccacgtgg	acatgtttag	gcaatcccc	ctttgcaagt	tcccttatct	240
gcacaaagca	tctcatgctg	tggagccagt	ggcaggttct	ccgggaccct	tcccttactg	300
tctgcctaaa	gcaaactggc	taaattcttt	cacaagtttt	tctttttctt	ttttttcttt	360
ttctttcttt	ttttttttcc	aatttgcatt	agaaagcttt	tattgagacc	aggttaacca	420
gtggcctgaa	aatattacag	gctgaaggaa	ggctgaggaa	accagtatga	aggcagctca	480
aatgatgaac	taaatatatt	ccaaaggtag	tatttatact	taaggcagtt	ttaaaagtga	540
ggtcttaacc	aaaaagcctt	tacatggcat	tcaaaaacaa	aacaaaaaca	aaaaaaacac	600
gggggggggg	ggggcactta	aatctcttgg	attgactaaa	agagctaaat	tatgtaccca	660
aaatctgtac	agcagggggc	tgttttcagc	aggaaagcct	atgtacaagt	aagaacctct	720
tactcttgta	acattgtcct	gttttgtttt	gtcttataag	aatatataac	tcctatcctc	780
acagagttag	tcataaggc	ctcagtgacc	tcacagaaat	atggagttaa	cctctactac	840
agaactattt	acactgcact	gtaaatacac	atatgtgtgt	ccaccctcac	agctaagctg	900
tcaatgcctt	gagtgaagg	gttacagctc	attcgttttg	catctacagt	gacaatgaat	960
aggcactcaa	tacatacttt	tttttgcagt	aatgataaat	gaaatgattt	tacattacca	1020
ccactattta	cattaacatt	cctaccatta	gccgtctcca	aaataaaaac	acaaaattgc	1080
tgccacatgt	tcagcagttt	tcacaataca	gtgtgtctgg	actttttaat	gtaaacaaac	1140
atgcttgatt	taccaatttt	cagagcaagg	acacaaactt	agcattcttc	taggaatgga	1200
aaacttgcca	ggaagttact	tcattctttt	tttttttttc	aaaagtgcac	ctcgtagtgc	1260

caactgtttt	tctcggaagg	aacgcttatt	ttttgaccgg	acattctggc	tataccgcat	1320
catcataaag	ttcttctgtt	ttttcttctc	tttatttgtc	gaactggaaa	atggatttgt	1380
tttggttttc	ttcctcacia	attcttttctg	gtctgtcttt	ccagccattg	cagttgctag	1440
tcttgtctct	ttgtcagact	ttggcttttt	atgaaggcgt	tcaatgtccc	gaagagaaag	1500
taattcaccc	ctgggctctt	catcactgtc	tatttcaatg	tatttctctt	tctgggattt	1560
cccgggggca	gcatcaagtt	cttttctcat	ttgggccatg	cggattttct	ggaagtcttc	1620
ctgagttaaa	actcggctag	tgtgatggc	tgcagctttg	gccttcgct	cctccatggg	1680
catgctgttc	agcttcttgg	agatttcttg	ctgttcttca	tcggaagagt	gttgcacatc	1740
aatccattca	ccatcagcat	cctcctctc	actgagactg	gtactttccc	atccatcttc	1800
atcattttca	gcattctctt	ctttctcaac	ttccagaact	tctgctcctg	gaatgtaatc	1860
tttagcatct	aattctccat	attcttgtac	tcttgcctct	atggaggcct	ctgtaggctt	1920
accccggaat	ttcttctgca	gcattctgagg	attcagtgtt	cggagagggt	gaatcaaagt	1980
tctagcagac	atcattacat	tcttctcctt	gtgtgtttta	tactgagcca	ggtcttggag	2040
aagtctctca	gtcatggcca	gaggacatcg	agctgttctc	tcttttatag	cattgattcc	2100
tactgtcatg	acttctccag	agttcttgtc	ggtaacaaaa	ttgtttgcca	cagtcataag	2160
caatgattga	ataatctctg	gggttactag	gtgatgagat	gcttgtgcag	caaacagaag	2220
gatcttggtt	acttctcttt	gggtgggctg	cagaaacctt	tgcaaaaagg	gatagaaatt	2280
gaagaggaaa	agctcatgaa	ttcccaccaa	tctggagata	aggttcatga	gcatcatctt	2340
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gtgtttcttg	agcactttca	ttgccttttc	caactttttc	ttgttttttg	aacttttctt	2520
ccctgtagca	tattgtacta	gcaggtctct	tgtgtttggt	ccatcatcct	cagattcgga	2580
gtcactgtcc	tgtttttcat	cttcatcttt	cccaagaaag	aatgtcaaag	cggcaactaa	2640
tatcttggtg	accttagaga	aacatgcagt	tgtgataaca	ttgacagttt	ttgcatcatt	2700
ccagatgttc	cttctgtaga	gttcaatcat	tacatctaaa	gacatcttgg	ctgcggttgc	2760
attgctatct	cttaacatgg	tgtacatgaa	attttgcaat	actacattca	ctttattgct	2820
cttgtgtttt	gcatttatat	tcttgatata	agtcacaata	tgtgtgtata	aagtctttcg	2880
cagaagttta	tcatggcaac	gaaaaagttc	aaagaagagt	tctagcaggc	ttgatggatt	2940
gatgagattc	ttatttctca	gcaagatcaa	agctttgcaa	aatgtcattc	gcagatctgg	3000
atccgatacg	gtatgatt					3018

<210> 5547

<211> 1428

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1427)...(998)

<223> similar to gi4186185 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5547

atttctgcta	cagtcattgca	ttctttaaca	tcttgtttat	tagcaaaaat	cagcttttca	60
ccaaggaaga	aataccttta	ttaggagtct	aggcatgtca	gaaaaaccca	gttcagtcac	120
agaaaaggag	gcaaatattg	gtacagagca	agaatccaag	tgtgaaaata	aaacctccat	180
ctaaatatcc	taacagaaat	gctgctgaat	ttagcccagg	tgaaacttct	gaaagctcct	240
ggtgaaatga	gattttttgca	taaagagaga	gctctccagc	actgctgcat	ctgagcttct	300
tataaagtga	cgggtcttgg	ccagcagtag	aggaagagat	aaaggggatg	tctcatcacc	360
caagcaaggt	cgtctgtgtt	caagtgaag	aagaacctta	gggttttgga	cagagtaaac	420

tggggcagca	gagggaaaat	ggctgaggaa	acacaacgtc	tagggccgtg	tgtggcataa	480
tgtggagggg	tctgtgcagt	ctgggtgtgag	tgcattctcca	ggaggtcttg	ggaaacactg	540
gcattccttc	ctgaggccat	tttgggtctg	ttctgacttc	attcagagca	gaactgccaa	600
tgtccagcgc	caagtccctg	atcataatta	gctgagtggg	atgcagtagc	caccctatga	660
ctcccatacc	tcttcctttc	tggagcagtc	acttttctca	gaccaagtga	gatcttacct	720
agttagggg	caatctagaa	atcactccca	ccttcatatg	agcaccagg	ggagagaatc	780
attctcatga	ctcaaagctt	tagatctcga	tcctcagatg	atgttccttg	gacagaagat	840
cagtctgaag	ttatctgtgt	caagagtagc	tggcactgcc	catgggtaat	gggccaagc	900
gatgtgatgc	cgcagctctc	ccaaagaaga	gctctctctg	ctttcacagg	caggagagga	960
ggaaatgagg	caggcttcaa	ggtagtcaat	gccacttaat	tcttccatcg	aatttgcgag	1020
ctgctgagaa	gagcatcaat	cttctcctcc	tctgctgata	ctttatctac	cttactcctg	1080
tatgctagca	actgttgacg	atccttcagg	tcccggtagg	tatcaatgac	gacatcatgg	1140
cacttgaact	tagtggctaa	gttcaacttc	gtgtccacat	cttccaccag	attgacatac	1200
tctgttaata	tctgcacagg	ggcattgttc	ttgtgcaaaa	tttcgacaac	ccgatggaag	1260
ccaatgggtg	ctctcttctt	ggtatagccc	agccagttct	ttgtggtgaa	tagggcatct	1320
acatcattcc	aggctcgaag	cttggcacga	gcagccaggg	ctgtcagcac	atactgttta	1380
tctgggatct	taaatgtctt	cttcagggtg	acgggactgc	tgaatgcc		1428

<210> 5548

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(285)

<223> similar to gil408209 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5548

atgggcacat	caaacattac	aacgaatggt	gaaaagacaa	aaagggggta	taggaggcca	60
actaccacct	caatcaaaac	tacatttagc	cttatttact	ttaaaatttt	tgactcctgg	120
tacggatggt	aagactccag	cagaaagaca	ttggcaagt	ttagaggaaa	agaggaaagt	180
ttatctgaaa	gtgttacgga	aatccccaga	agaaggacaa	tggaaaggcc	cggtggattt	240
actgacatgg	ggaagagggt	atgcttgtgt	gtttacagga	gattgacaag	ccatgtgggt	300
gcctcaagg	tgcttgcaac	cctggaatgg	gagactggag	aaacatgggg	tggccaacca	360
tgggcccagt	ccctccggtg	tgagccatga	gtcagct			397

<210> 5549

<211> 1255

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(331)

<223> similar to gi4240255 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5549
ggcagggcgac catccgggtg aagtgtctga ccgctcagca gcagtcaggc gagcgtctct 60
cagctttcgt gttgcggctg gaagtgtctg tgcagaaggc catggagaag gaggccctgg 120
ccagagcatc cgcgcgaccg gtgcgcctga ggcagatgct caccagggcc caccttactg 180
agcctctgga tgaagcactg aggaagctga gaatggccgg gaggtctcca agtttcttgg 240
agatgtctgg gctcgttcgg gagtctgagg catgggaggc cagtctagcc aggagcgtga 300
gagcccagac acaggaaggg gccggtgccc gggctggtgc ccaggctgtt gccagagcca 360
gcactaaagt agaggcggtc ccaggagggtc ctggtcggga gccagagggc ctcctccagg 420
caggaggcca ggaggctgag gagctcctcc aggagggggt caagcccgtc ctggaggaat 480
gtgataacta ggttggggct ggggaggcag cccagcgcga gtcctccccg ggcaaatagg 540
ctccgagggc cccggggcct cctctcctcc tctcaggcag cagggccctg gagacaggcg 600
gaggcggggc cagggcgggt cctcaccacc acatcgggat cggggccccc cacttcccc 660
caagggggccc tgcccaccac caccttcccc gtgaccaga tgaccacatt taataccaaa 720
tggggtgggg ggaggcgccc ctccagtgcc aggggcacgt gctgtgagct tcctgggagc 780
ccaggttgtg ctcactgtc tcccgatcg tgagcaccac ctctgctttc cctgcgtaga 840
tctaggccag gggctgcttg tttttgtgga gccgtgtgtg ttcttctctg agcagctcct 900
ccccagagga cccagcgca gtcccgggag atggcgga aaaggcacca gggcacagt 960
gacactcatc cgtgacagc gatggtgacc atgactgtgg gagaaagaac aggaccggg 1020
atggagtggg gctgtctgag ttccccagt gaactttgtg ctttggcggt ccaccctgt 1080
tgttacttgt tactgagttt cctagacctg ggggtgggtg tccccagga ggaggggggt 1140
cccgacctgt gtctgtggt ggccatttgc agcttctgtg ttgtgattcc cttctcttca 1200
acggtttcaa gtacatatct ctcaataaat ttcattcagt gttccaaaaa aaaaa 1255

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<210> 5550

<211> 2009

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (46)...(1614)

<223> similar to gi1293680 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5550
cgggatcaat ttgatttgac agtcggtata actgatcctg agaagatggc gtcgggtggt 60
ggtggctgta gcgcttcgga gagactgcct ccgcccttcc ccggcctgga gccggagtcc 120
gagggggcgg ccgggggcatc agaaccggag gctggggaca gcgacaccga gggggaggac 180
atthttaccg gcgcgcgggt ggtcagtaaa catcagtctc caaagataac tacatccctt 240
cttcccatca acaatggctc caaagaaaat gggatccatg aagaacaaga ccaagagcca 300
caggatctct ttgcagatgc cacagtggag ctatccttgg acagcacaca aaataatcag 360
aagaaggtgc tagccaaaac actcatttct cttcctctc aggaagccac aaattcttgc 420
aagccccagc caacctatga ggagctagag gaagaagaac aggaggatca atttgatttg 480
acagtcggta taactgatcc tgagaagata ggggatggta tgaatgcata tgtagcctac 540

```

aaagttacaa	cacagacaag	cttaccattg	ttcagaagca	aacagtttgc	agtaaaaaga	600
agatttagtg	actttctggg	tctttatgag	aagctttccg	agaagcactc	tcagaatggc	660
ttcattgtcc	ctccgcccc	ggagaagagc	ctcataggga	tgacaaaagt	gaaagtggg	720
aaggaagatt	cttcttctgc	agaatttctt	gaaaaacgga	gggccgcttt	agaaaggtac	780
cttcagagga	ttgtaaatca	tcttaccatg	ttacaggacc	ctgacgtcag	agagttcttg	840
gaaaaagaag	agctgccacg	tgccgtgggt	acccagacat	tgagtgggtg	tggtctcctc	900
aagatgttca	acaaagccac	agatgccgtc	agcaaatga	ccatcaagat	gaatgaatca	960
gacatttggg	ttgaggagaa	gctccaggag	gtagagtgtg	aggagcagcg	cttacggaaa	1020
ctgcatgctg	ttgtagaaac	tctagtcaac	cataggaaag	agctagcgct	gaacacagcc	1080
cagtttgcaa	agagtctagc	catgcttggg	agctctgagg	acaacacggc	attgtcacgg	1140
gcactctccc	agctggctga	ggtggaagaa	aaaattgagc	agctccacca	ggaacaggcc	1200
aacaatgact	tcttctcct	tgtgagctc	ctgagtgact	acattcgctt	cctggccata	1260
gtccgcgctg	ccttcgacca	gcgcataag	acatggcagc	gctggcagga	tgcccaagcc	1320
acactgcaga	agaagcgga	ggccgaggct	cggctgctgt	gggccaacaa	gcctgataag	1380
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gacttcgaga	ggatttcaac	agtgggccga	aaagaagtga	tacggtttga	gaaagagaaa	1500
tccaaggact	tcaagaacca	cgtgatcaag	taccttgaga	cactccttta	ctcacagcag	1560
cagctggcaa	agtactggga	agccttcctt	cctgaggcaa	aggccatctc	ctaattggacc	1620
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gatggacccc	tagtgatgca	tcttgccatg	gctggactta	accccttcct	ccctgtcccc	1740
acgaccaact	gtccccagtt	actctaaccg	ttatttcatt	tagcttccat	atatattttc	1800
ttacctaaaga	gaatagtttc	ctgctttaag	caaaagacct	acaataggtg	gtggaattat	1860
gggatggggg	ggagtattga	tataaatata	taaatacaaa	tgtatatatt	tcaggatgtg	1920
gttttaggaac	tgggaataac	gttttctgtt	actcctgatg	gtgccatgaa	aaggttatgt	1980
aataaaatat	tttaaaatca	aaaaaaaaa				2009

<210> 5551

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(599)

<223> similar to gi4680697 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5551

ctggaggagg	aattagcttg	aagcatggcg	atgaaatcta	cattgctcct	tcaggagtgc	60
aaaaggaacg	aattcagcct	gaagacatgt	ttgtttgtga	tataaatgaa	aaggacataa	120
gtggaccttc	gccatcgaag	aagctaaaaa	aaagccagtg	tactcctctt	ttcatgaatg	180
cttacacaat	gagaggagca	ggtgcagtga	ttcatacca	ctctaaagct	gctgtgatgg	240
ccacccttct	ctttccagga	cgggagttta	aaattacaca	tcaagagatg	ataaaaggaa	300
taaagaaatg	tacttccgga	gggtattata	gatatgatga	tatgttagtg	gtaccatta	360
ttgagaatac	acctgaggag	aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	420
accagactc	ctgtgcagta	ctggtcagac	gtcatggagt	atatgtgtgg	ggggaaacat	480
gggagaaggc	caaaaccatg	tgtgagtgtt	atgactattt	atttgatatt	gccgtatcaa	540
tgaagaaagt	aggacttgat	ccttcacagc	tcccagttgg	agaaaatgga	attgtctaag	600
ccaaaagaaa	gtctaattat	atacagagat	aaagctaaac	gtaattatta	tttaaatgaa	660
agctattttt	ttaaataaat	tgaaattttt	catgatgcta	ctaatttgcc	actaaatact	720

gcaaattgggc accctgaatc tcttctgaca ttggatgtta tttgcttata ttctttataat	780
tttaaattgag ggcacagtga aatgaaaatt tt	812

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<210> 5552
<211> 2403
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2392)...(1576)
<223> similar to gi2114473 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 5552						
tttttttttt	ttcacggggc	taggtctgct	ttttattggc	cacgcattcca	gccgccagcc	60
tcagggcaca	cacctggcag	ggggcaggct	cggttaggct	gccctcgctg	ggtgggcagt	120
gagggggcag	cggtctgtgg	gtgtcacctc	gcagccctc	aggtggacct	gtattgtccc	180
cagggcctgc	ccacgctggg	cagctggcac	tgggaggggt	tttctgttga	tgtgatggcc	240
aagtttcagc	tgcagggcag	aggcctggca	gtggcagcaa	aggcagaccg	cccccaactc	300
caacttcagg	ggctggacat	gctggaacgg	gggccagacc	ccatgggagg	ggaccctggc	360
ctgccatggc	actgcctgcc	agcttacccc	tgcccagggc	cccccaactc	gccacctcca	420
agcagtaaag	acttgcaaag	cattgcattt	tgattaaacc	ttgctgggct	gaagggcagg	480
cagagctgtg	gtggacactg	gcaggacgca	gcaccccccg	actggccctt	ggcaggctgc	540
accgggcgca	tgcgggtgtg	ggccagggtt	gccttttaga	agcaggtggg	aggctggcac	600
gtgcaggcgg	tccaggaggg	caccaggcct	ggcagggcac	tggctgctgt	cgggttccca	660
gccacaacac	cccaagaagg	ctccaggagg	gccccggctg	ggtaaggcac	ggagttttgg	720
tttccggggc	ccagtcccag	cctggccccc	agaagagcct	ctcttggcag	aatggcagca	780
tgtcctgtgg	cctgggctct	ctcacttggc	cttgggcctg	ggcctgaggc	cttactggat	840
cacacacagt	ttctttgttt	tattatcatc	agaatcaggg	ggaacctctt	cctggctcct	900
ggaggggacgc	ttcttccttc	gcttcccggg	cccccttgag	gcccggcccc	gggccctggg	960
gagtgtgccc	gaccccagag	agtcggtcac	cgcattcctc	gagaaggact	tgtccaggga	1020
tgtgtccagt	gcggaactct	gggcccgtgt	ctcctcgctc	tcgtcctcat	ccccacctgg	1080
gcctgtgtga	gggggtcttg	caccacggct	gtggacagcg	tcctccagcc	cctcacttgt	1140
gctgtcggcc	tgggcctgga	ggacgcccag	caaggacgtg	ggatccttgg	catcttgctt	1200
tgaacttccg	gctgcagggg	gctggttgct	ggagaacttg	aggggcttca	gggcctgagc	1260
atctcccaga	gtcacgggcc	aggcccccct	caagggtctg	gggcaactgg	gatcctcagt	1320
ggttaggaca	tcgctggcat	ccacatacca	ggaagaacgc	ctctccaggg	gccggggacc	1380
acctcctcc	aactgctcca	gggtgggctg	agggccgggg	gtcacggcgt	ctacaaggtc	1440
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cgtgtgcccc	acggggtctc	ctgcagggtt	actggtggcc	acaggctctg	tggctcttgg	1560
gggatccatg	gaggctgect	tgtgtcccc	gtcgggtgtc	ccgcggcccc	gggctgtctt	1620
ccgcagctgg	aagcccttcc	tgatgtcagc	cagcagggca	tcgatgacac	acacctcctc	1680
ctgcttcccg	ggcccccttc	tgacaggctt	cccgtcctct	ccccgaggcc	gccgcgcctc	1740
ctcctccgcc	agctgtgtgt	tcctcctctc	tgccttcgcc	gcctgtcctt	tccggtcctt	1800
gttctccttc	agggcgcgga	ggaaaagggt	ccggaaagcc	ttcatggtgc	tgaacgtgtc	1860
ctccagggac	agctgtctgg	cgtcctcaca	caggtagtgc	gccagctccc	gttgcttctg	1920
ctcgtatggc	tcaaacagct	cgtccagtgc	ccggaaggcc	gagatgctgg	cctggaggcg	1980
ctcgtgttac	tgtccttgga	cctcggccac	ggaggcagac	accttccgct	cggctctccag	2040
aagcttcttc	aggttgaggc	tggcctctga	gcggatgac	tccaggttga	tcctgtctgc	2100

ttgcgagggc	tgttccaggt	cccggggcag	ctgcaggagg	tcgggggtggc	tcttttccgc	2160
ttcctccagc	acgtgggtgca	gcagcgtcac	gcgggttctgc	tgggacttgg	tctccgtgag	2220
cttcagcaat	gtgctgatct	tgaagccgtc	ggcgtcaccg	gtgtggctgc	cgtagttgag	2280
gaagttccca	attctcagga	tcagctggca	gaagatgggc	agctggcggc	tggtgagcag	2340
cctttcgcag	gcagccagca	ccagctgggc	cttgggccgc	accatgtcca	gcacggcggc	2400
cgc						2403

<210> 5553
 <211> 949
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (946)... (898)
 <223> similar to gi3157938 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5553						
gatcacagcc	cctaccccag	tgccctctcca	gtacatcggc	cccaaccagc	cccgggaagcc	60
tgggctgcct	ggccagcctg	ctgtaagcta	agaacccacc	cacagcagcc	ctcggggggtg	120
tactgcttc	ctggagggtc	aggagacccc	ggacacctgg	gacctgtgtt	cctgagcccg	180
tcttgacatc	tgtgttcttc	ctgtcagctc	cacgcccggg	cccctggacc	acgggggtcca	240
cctctcctct	gtccggacca	tttattgggg	actttttgct	cagcactgta	ggaggaagaa	300
aggaaggagg	gatggaagcc	tcttcctctg	cttctcctgt	ccctagaacc	gtaaagccca	360
gacgtcctgc	ttcccaactg	gacctcaat	gataacaggg	tcagtgactg	actctgaggc	420
agcaaggaca	gaggagaggt	ggaccccgtg	gtccaggggc	ccgggcgtgg	agctgacagg	480
aagaacacag	atgtcaggac	gggctcagga	acacagggtc	cagggtgtccg	gggtctcctg	540
aactccagga	agcagtgaca	cccccgaggg	ctgctgtggg	tgggttctta	gcttacagca	600
ggctggccag	gcagcccagg	cttccggggc	tgggtggggc	cgatgtactg	gagaggcacg	660
tgggtagggg	ctgtgatccg	atcagtgccg	aggtaggact	ggagggcagg	gggcacgagc	720
actgagccgt	ccttctgctg	gttactctcc	aggagcgcga	tgagaaggcg	ggggacagca	780
caggcggtgg	cgttcaccgt	gtgggcaaac	tgcagctccc	cagcctcggg	ctggaacatg	840
atgtggaggc	ggcggtctct	gaagtctgtg	cagttggaag	cactggtgac	ctctccaaag	900
cggcctcggc	ctggcatcca	ggcctcaatg	tcaaacttgc	gctcgtgcc		949

<210> 5554
 <211> 720
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (175)
 <223> similar to gi5730484 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5554
gctgataata gaaagatgtc tcggaaggag aaagatgaaa gaatcttgtg gaagaagaat      60
gaagttgctg attatgaagc tacaacattt tccatcttct ataacaacac tctgttcctg      120
gtcgtgggtca ttggtgcttc cttcttcata ttgaagaact tcaaccccac agtgtatcct      180
tttcaagggtt gattatcttt tttagaagtc aagaaacagt agttcatttt ggttttgact      240
tgtctggata ttttagtgga aagaaaaact gctctgggag tcagtccatt aaatagtgtc      300
gacttttagat aactttctgg acatttaaaa taacagctat tggtttaaga ttcttttaag      360
tttatgaatt atgactgtat gataaagtat tacaagtag tctatgggaa tctgtgtcct      420
tgcttcctta aaaaaaagct ccaaagagcc aaagcaaacc tgtcattttt gatagcttct      480
gaaataataa gccctgtac ctgttatttt tgggctctgg gggttgggtg gatggccaat      540
gcagttaaat aggttcattc cagtgtatct taatagtgtt tcaagctgct gttaagttga      600
gcttttgggc aagaatcagt cttctcttat taatttatta aagatgttat ccaggaatgt      660
gcagccaaga ttttaacaat tgggtgattat gatgtaataa aatatcagaa accatccaaa      720

```

<210> 5555

<211> 3163

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2759)

<223> similar to gi5726289 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5555
atgggggttat tcagagggttt tgttttcctc ttagttctgt gcctgctgca ccagtcaaat      60
acttccttca ttaagctgaa taataatggc tttgaagata ttgtcattgt tatagatcct      120
agtggtccag aagatgaaaa aataattgaa caaatagagg atatggtgac tacagcttct      180
acgtacctgt ttgaagccac agaaaaaaga ttttttttca aaaatgtatc tatattaatt      240
cctgagaatt ggaaggaaaa tcctcagtag aaaaggccaa aacatgaaaa ccataaacat      300
gctgatgtta tagttgcacc acctacactc ccaggtagag atgaaccata caccaagcag      360
ttcacagaat gtggagagaa aggcgaatac attcacttca cccctgacct tctacttgga      420
aaaaaacaaa atgaatatgg accaccaggc aaactgtttg tccatgagtg ggctcacctc      480
cgggtggggag tgtttgatga gtacaatgaa gatcagcett tctaccgtgc taagtcaaaa      540
aaaatcgaag caacaagggt ttccgcaggt atctctggta gaaatagagt ttataagtg      600
caaggaggca gctgtcttag tagagcatgc agaattgatt ctacaacaaa actgtatgga      660
aaagattgtc aattctttcc tgataaagta caaacagaaa aagcatccat aatgtttatg      720
caaagtattg attctgttgt tgaattttgt aacgaaaaaa ccataatca agaagctcca      780
agcctacaaa acataaagtg caattttaga agtacatggg aggtgattag caattctgag      840
gatttttaaaa acaccatacc catggtgaca ccacctctc cacctgtctt ctcatgtctg      900
aagatccgtc aaagaattgt gtgcttagtt cttgataagt ctggaagcat ggggggtaag      960
gaccgcctaa atcgaatgaa tcaagcagca aaacatttcc tgctgcagac tgttgaaaat      1020
ggatcctggg tggggatggg tcactttgat agtactgcca ctattgtaaa taagctaata      1080
caaataaaaa gcagtgatga aagaaacaca ctcatggcag gattacctac atatcctctg      1140
ggaggaactt ccatctgctc tggaattaaa tatgcatttc aggtgattgg agagctacat      1200

```

tcccaactcg	atggatccga	agtactgctg	ctgactgatg	gggaggataa	cactgcaagt	1260
tcttgtattg	atgaagtga	acaaagtggg	gccattgttc	attttattgc	tttgggaaga	1320
gctgctgatg	aagcagta	agagatgagc	aagataacag	gaggaagtca	tttttatgtt	1380
tcagatgaag	ctcagaacaa	tggcctcatt	gatgcttttg	gggctcttac	atcaggaaat	1440
actgatctct	cccagaagtc	ccttcagctc	gaaagtaagg	gattaacact	gaatagta	1500
gcttggatga	acgacactgt	cataattgat	agtacagtgg	gaaaggacac	gttctttctc	1560
atcacatgga	acagtctgcc	tcccagtatt	tctctctggg	atcccagtgg	aacaataatg	1620
gaaaattttca	cagtggatgc	aacttccaaa	atggcctatc	tcagtattcc	aggaactgca	1680
aagggtgggca	cttgggcata	caatcttcaa	gccaaagcga	accagaaac	attaactatt	1740
acagtaactt	ctcgagcagc	aaattcttct	gtgcctccaa	tcacagtga	tgctaaaatg	1800
aataaggacg	taaacagttt	ccccagccca	atgattgttt	acgcagaaat	tctacaagga	1860
tatgtacctg	ttcttggagc	caatgtgact	gctttcattg	aatcacagaa	tggacataca	1920
gaagtttttg	aacttttgga	taatggtgca	ggcgctgatt	ctttcaagaa	tgatggagtc	1980
tactccaggt	attttacagc	atatacagaa	aatggcagat	atagcttaaa	agttcgggct	2040
catggaggag	caaacactgc	caggctaaaa	ttacggcctc	cactgaatag	agccgcgtac	2100
ataccaggct	gggtagtgaa	cggggaaatt	gaagcaaacc	cgccaagacc	tgaaattgat	2160
gaggatactc	agaccacctt	ggaggatttc	agccgaacag	catccggagg	tgcatattgtg	2220
gtatcacaag	tcccaagcct	tcccttgcc	gaccaatacc	caccaagtca	aatcacagac	2280
cttgatgcc	cagttcatga	ggataagatt	attcttacat	ggacagcacc	aggagataat	2340
tttgatgttg	gaaaagttca	acgttatatc	ataagaataa	gtgcaagtat	tcttgatcta	2400
agagacagtt	ttgatgatgc	tcttcaagta	aatactactg	atctgtcacc	aaaggaggcc	2460
aactccaagg	aaagctttgc	atttaaacca	gaaaatatct	cagaagaaaa	tgcaaccac	2520
atattttattg	ccattaaaag	tatagataaa	agcaatttga	catcaaaagt	atccaacatt	2580
gcacaagtaa	ctttgtttat	ccctcaagca	aatcctgatg	acattgatcc	tacacctact	2640
cctactccta	ctcctactcc	tgataaaaagt	cataattctg	gagttaatat	ttctacgctg	2700
gtattgtctg	tgattgggtc	tggtgttaatt	gttaacttta	ttttaagtac	caccatttga	2760
accttaacga	agaaaaaaat	cttcaagtag	acctagaaga	gagttttaaa	aaacaaaaca	2820
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aaaaataatt	ttaagatgtc	ggaaaaggat	actttgatta	aataaaaaaca	ctcatggata	2940
tgtaaaaact	gtcaagatta	aaatttaata	gtttcattta	tttgttattt	tatttgtaag	3000
aaaatagtga	tgaacaaaga	tcctttttca	tactgatacc	tggttggtata	ttatttgatg	3060
caacagtttt	ctgaaatgat	atttcaaatt	gcatcaagaa	attaaaatca	tctatctgag	3120
tagtcaaaat	acaagtaaag	gagagcaaat	aaacaacatt	tgg		3163

<210> 5556

<211> 6772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (188)...(4880)

<223> similar to gi3043584 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5556

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catgaagaca	gcacaccctg	accaatatgc	tgcattttaa	atgcagcgca	aaagtaaaaa	120
aggtcagaaa	gctaacaact	taaatacacc	aaataatgga	aagtttgttt	attttttgcc	180
atcaccggtg	aacagctcaa	atccattttt	tacatcacag	accaaagcca	atgggaatcc	240

tgcttggtcg	gcccagttgc	agcatgtctc	gccacccatt	tttccagctc	atttagcaag	300
tgtgtcaact	ccattgttgt	cctcaatgga	aagtgtcata	aatccaaata	taactttctca	360
ggataaaaaat	gaacaagggtg	gtatgttatg	ttcccaaata	gaaaatttac	ctagtactgc	420
cttgccagca	caaataggaag	atctaacca	aacagttctg	cctttgaata	ttgacagagg	480
ctcagatcct	ttcctttctt	tacctgcaga	aagtagttca	atagatctct	tcccttcacc	540
agcagatagt	gggactaatt	ctgttttttc	ccaactggaa	aataatacaa	atcattattc	600
ctcacagatt	gaaggaaaca	ctaattcctc	ctttctaaag	gggggtaatg	gtgaaaatgc	660
agtttttctt	tcacaagtga	atgttgcaaa	taacttcagt	agcaccaatg	cccaacagtc	720
tgcacctgaa	aaagttaaaa	aagaccgtgg	gcgggggccaa	actgggaagg	aaagaaaacc	780
taagcacaac	aaaagggtcta	aatggcctgc	aattatcaga	gatgggaaat	ttatctgtag	840
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ttactgtaaa	ccactggatg	gagccgaaat	tgtctcaaga	cttctacaga	gtaatggaca	960
gcctttctctt	cttgccagca	tgattctctc	cacaaatgca	gtaaatttgc	agcagccaca	1020
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tgaaaatcgc	tcgccagcat	ttttaccaaa	tacatttctc	cgatctgggtg	tgactaactt	1140
taataccagt	gtcagtcagg	aaggtagtga	aattattata	caggctttgg	aaactgctgg	1200
cattcccagt	acatttgagg	gtgccgaaat	gctttctcat	gtttcaacag	gttgtgtctc	1260
tgatgcatca	caagtaaatg	caacgggtgat	gccaaatcca	actgtaccac	ccctgttgca	1320
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ttcctccatt	gaggaatgta	gcagcttgcc	tgtttttcca	acgaatgact	tactactgaa	1440
gactgttgaa	aatggtttgt	gctctagttc	atttctaat	tctggtgggc	catcacaaaa	1500
ttttaccagt	aacagttctc	gtgtttctgt	tataagtgg	cctcagaaca	caagatccag	1560
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tatgactgat	gtaaaagaga	atttcaaac	cagctttgag	tcccatacag	tgttagcccc	1860
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aaacactgtg	caaaataaca	aattaccoga	ttcttctccg	cttttctctc	tttataagtg	2160
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caggagattt	tagaaggctt	acagaaatta	aaattagaaa	atgacctatc	cactccagca	2280
tcccaatgtg	tactgataaa	tacatcagtg	acactgactc	ccacgcctgt	taaatcaact	2340
gcagatatca	cagttattca	gccagtttct	gaaatgataa	acattcaatt	taatgacaaa	2400
gttaataaac	cctttgtgtg	tcaaaacca	ggctgtaact	acagtgtctat	gacaaaggat	2460
gcactattta	agcactatgg	taaaattcat	caatacactc	cagaaatgat	tcttgaaatt	2520
aagaagaatc	aattgaaatt	tgtcccttt	aaatgtgtag	tacctacatg	tacaaaaaca	2580
tttacaagaa	attctaacct	ccgggcacac	tgtcagttgg	tgcatcattt	tacaactgaa	2640
gaaatggtaa	agttaaaaat	taaaaggcct	tatggaagaa	aatctcagag	tgaaaatgtg	2700
ccggcctcac	gaagtacaca	agtgaaaaa	cagctagcta	tgacagagga	aaataaaaaag	2760
gaatctcagc	ctgctttaga	attgagagca	gagacccaaa	ataccacag	taatgtagca	2820
gtgatcccag	aaaaacaact	tatagaaaa	aaaagtcctg	acaaaacaga	aagttcttta	2880
caagtgatta	cagttacttc	agaacaatgt	aatacaaatg	cactcacaaa	cacacaaacc	2940
aaaggacgga	agattaggag	gcataaaaa	gaaaaggagg	agaaaaaacg	aaagaagcca	3000
gtttcccaat	cccttgagtt	tccaacaaga	tacagtcctt	acagacctta	tcgatgtgtt	3060
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gtacacaaat	cagatctacc	tgcattttca	gcagaggctg	aagaggaaag	tgaagctggt	3180
aaagaaagtg	aagaaactga	aactaaaca	actttgaaag	aatttctgatg	tcaggtaagt	3240
gactgttctc	gaattttcca	agcaattact	ggcctaatac	aacactacat	gaaacttcat	3300
gaaatgactc	ctgaagaaat	tgaaagtatg	actgcttcag	tggatgttgg	gaagtttcca	3360
tgtgaccagt	tagagtgtaa	atcttcattt	actacatatt	tgaactatgt	tgttcatcta	3420
gaggcagacc	acgggattgg	actaagggca	agtaaaacag	aagaagatgg	tgtatacaaa	3480
tgtgattgtg	aaggctgtga	ccgtatatat	gcaaccgggt	cgaatctcct	ccgacacatt	3540
tttaataagc	ataatgacaa	acataaggct	catttgattc	gtccaagaag	attaacacca	3600
ggccaggaaa	atatgtcaag	caaggcaaac	caagaaaaat	caaagtctaa	acatcggggg	3660

acgaagcaca	gcagatgtgg	aaaggaagga	ataaaaaatgc	ccaagaccaa	acgaaagaaa	3720
aaaaataatt	tagaaaacaa	gaatgcaaag	attgtgcaga	ttgaagaaaa	taagccttat	3780
tctctgaaac	gtgggaagca	tgtatattct	ataaaggcta	gaaatgatgc	cctgtctgag	3840
tgtacaagca	gatttgtaac	ccagtatcca	tgtatgataa	agggatgtac	ttcagttgtt	3900
acaagtgaaa	gcaatataat	tagacattat	aagtgccata	aattatctaa	ggcattttaca	3960
tcacaacacc	gaaatcttct	tattgtattc	aaacgggtgtt	gcaactcaca	agtaaaggaa	4020
acgtctgagc	aagaagggtgc	taagaatgat	gtgaaagatt	ctgacacgtg	tgtatcagag	4080
agcaatgata	attcaagaac	aacagctaca	gtttcacaaa	aggaagttga	aaaaaatgaa	4140
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aatgtctcac	aaaataaaaa	aaggaaagtt	gaaaaagctg	aaccagcatc	agcagctgag	4380
ttaagtagcg	tgcgtaaaga	agaagaaact	gctgttgcca	ttcaaaccat	tgaggagcat	4440
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acaggcagag	gtcagttactg	ataattaatg	tagtataaat	acatcattta	ccattttatt	4920
ttaaattagga	agccatcaag	catgctagaa	ttgtgaaact	ttcattatat	ttttttgttg	4980
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attattaaag	tattttattt	ttagggcctt	ttgggtttta	ttgaatagtt	catttcacct	6660
gtttaagact	tactaccaat	aagcataaaa	cctgacacgt	taaaatccct	gccctttggt	6720
gagccactg	ttatttatta	aaataaaaagt	tattttatgg	gtgattaaaa	aa	6772

<210> 5557
 <211> 2112
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (610)...(1245)
 <223> similar to gil80189 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5557

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cagtcttcca	gaaaatccac	gtcttcccaa	caatccaagt	cttccggata	atttgggtct	180
tcctgaaaat	ctacgtcttc	caaaaaagcc	atgtcttcca	gaaaatccac	atcttccaat	240
ggcctccagg	tcttccagac	tatccatgtc	ttccagaaaa	tccttggctt	cccttaaadc	300
tatagcttcc	aaaaaatccg	ggtcttccag	gaaatccgtg	tcttccagca	agttccacgtc	360
ttccaacaaa	gccatgtctt	ccagactatc	catgtcttcc	agaaaatcct	tgtcttcctt	420
caaatccatg	tcttccagaa	aatccacgtc	ttccagaaaa	tatatgtctt	ccaactaagc	480
tacgtcttcc	aacaaatcca	tgtcttccta	tatctccagg	tcttccagca	tctccagggc	540
ttccagcctc	tgtctgtctt	ccaacatctc	caagtcttcc	agcatctctg	tgtcttccag	600
catcttcatg	tcttccaaca	actaccagtc	cttccatcaa	ctggctcaat	atccatgtct	660
tccaacgtct	ccagtgtgct	gatcttctga	cattcaggtc	ttccagtgtc	tgcaatatcc	720
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cagatcttcc	aggaaaatcc	acgtcttcca	ggaaatccat	gtcttccaat	aatttcaagg	1020
tcttccatca	aatacagatc	ttccagctaa	tccatgtctt	ccagaaaaat	ctgtgtcttc	1080
caccaaatcc	aagtcttcca	gtaaatctag	ttcttccaga	aaaatctaga	tcttccagtc	1140
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aatccagggtc	ttccagtcag	tcagtgctct	ccagaaaaat	ctacgtcttc	caccaaatcc	1260
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tctccagtg	gtgatcttc	tgacattcag	gccttccagt	gtctgcaata	tccaagggtt	2040
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tccaataatc	tc					2112

<210> 5558

<211> 1810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1774)...(114)
 <223> similar to gil1006659 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5558

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tcaggcccc	agcgcaggcc	cagggcctgg	agcttctgcc	tcaggtagct	cttgagctgg	180
ggcaggcctc	tctgggactc	cagttcctcg	aagggtagcg	gcaggagctg	gtagcccatc	240
aggcctaggt	gccgctccct	cagggccctc	gagcccagtc	aggcaccggg	gccgtcccgg	300
cagtaaattg	ccagccgttc	ccgcaacacc	agcaccaccc	tctgggcaag	ggtctcgagt	360
agtggcgcta	gaggcagcct	gggccctgtg	ggcaggaccc	ttggtgggta	tggcaggaag	420
gggtcctggg	tcctcacggg	aagcacagca	ccagagctgc	tggcgcacag	caggaagtct	480
gtgcagtagc	ctggaggcac	agtcaggctc	tggcggtatt	tctcctcccc	cagcagctgg	540
cgcaaccctt	cagctactat	gtccttgtga	ctgtacttgc	agcgggcacg	gtcgggtgatg	600
agaggctggg	gaaagatggg	cacttgctgc	cttcggggaa	ggcggggacc	ccggtatcct	660
gggagctcca	gctccacggc	cgtgtccagc	agggagaggt	agcgacgcac	aatcagagca	720
tgaggggtgc	cactgatgta	gttgatgaag	ccaggggaaa	aaacaaagtg	cagggctctg	780
aagggcaggc	accgcagttg	gcacagtgc	atcaagatgt	tgactgtagc	caggggtgcc	840
accctgctt	cccagagccag	gacccctctc	aggcagggca	taaactgctg	ttccaggggc	900
aggtagttca	gtcgcccaaa	gggcaggacc	aacttctgta	ccaccttgct	gctgagttgc	960
gtttcctgaa	ccaccaggaa	gtgggcaatg	gcttcagaa	gctggggctc	ccgcaaccgg	1020
tgccgggcca	ggtgctgggc	caggagcacc	atcacgtggg	gagtcagttc	ctctggcctt	1080
gcctctgcc	ggctgctgat	cagatgctgc	cgtggatacc	gcagaaaacg	ggggcagctt	1140
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aagccaagta	agactgcaag	gtgcagacac	acgtggatgg	tgtgaatgtc	aaaggagggg	1320
cagtttcgga	tgatgagctg	actcaagtcc	tgcatgtgta	cctgctccac	aggagggggc	1380
cgtggccgag	accccaagag	ctggcccaga	cgacgaagcg	ccaccgagta	gtggtgggcg	1440
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cacgcgtccg						1810

<210> 5559
 <211> 1193
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (751)...(1100)

<223> similar to gil619936 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5559

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tatttgactt	tctgtttgtg	agttaatttg	ttctgggacc	aaactgaggt	tcgggctgct	120
atttctcacg	gcccataac	gagatgcaga	tgaactgggg	aggaagagag	ttattttctgt	180
aactggttac	agggagaagg	tctgaacatc	atcaccagac	caactccaaa	ttacaaagtt	240
ttccagagct	tatatacctt	ctaagctata	tgtctacctg	taagtgtgca	ttcacctaaa	300
gacataagtt	actaacttct	tttaattctat	aactaagggtc	tgagtcctga	agaccttcct	360
ttggagcctc	agtaaattta	cttaattctaa	atgggtccag	gtgctggagt	gattaccctt	420
atcttgtctt	ctgctaaatc	actgaagttt	gaggagtcc	tttagacctt	caataaactt	480
gtttgtagag	gcctggagag	tttcttcaca	acccacagta	aaacttgttt	aatcctgaat	540
gggtcctggt	aagaattcct	tcattattct	gtcatgcttt	aaggcccagg	gaaagcctag	600
gcaaaactct	tgataggctt	ttgttacatt	ccagcctttg	tgaaaaggga	ctggcttttt	660
tagcttttaa	tatttaactt	aaccactcag	tcagtactga	aacagtcggt	atggaggcct	720
gcattagtga	gacctggcct	gccacaatcc	tgtgttcatt	tattgaaaga	ctgtattatt	780
aagatggcag	tactacccaa	agcagtctac	agattcactg	agagccctat	caaaattcca	840
acagcctttt	tgaaaaatgg	aaaagcttac	catcaaactc	atatggaatt	gtaaacgccg	900
tgaatagcca	aaacaatgcg	gaaaaggcca	aagttggagg	actgacactt	cccaatttca	960
aaacttacta	taaaactaca	gtggtctaaa	cagtgggctg	ttggcacaag	tacagatgat	1020
actaacatac	agatcaatag	aatagaattg	aggcttcaga	aataaaccca	tacatctatg	1080
gccaactgac	tttcaacaaa	tgatgctgca	ataactgaat	gtacacatgc	aaaaaaaaag	1140
ttgaacctct	atgtgatatt	gcgatagaaa	aaaaacatat	ttttgggctt	tgg	1193

<210> 5560

<211> 1260

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1254)...(1082)

<223> similar to gi299471 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5560

tccttctctg	gccttgcct	tgccctgttc	cctttctggt	cctgccatgt	ttctggccct	60
gccctgtcca	tgtcctggac	ctgactctgg	ccctggacct	ccctgtccct	gccctgccat	120
accttggccc	gttcttctgt	ctacactgac	cctgccctgc	cttggccctg	tgctacccta	180
gccctgcctt	ggccttctgc	tgacctgat	cctgccatgg	ccctggccct	gccatgtccc	240
tgccctggcc	ctggttctgc	cctgcttctg	gccctggcct	tggtcctctc	atgtccctgg	300
ctgtgacctt	gccctgggtt	tttctctggc	catgacctg	ccccggttct	gtcctatccc	360
tgccctgtgc	tcagttctgt	cctagccctg	gcctttcaca	gtactttatg	cttagtaagg	420
gtcccatggt	gtctgtgagt	tgaatgttgt	attcatagta	tctgccaaaa	cagaaagaaa	480
aaaaacaaaa	tattttgata	agaagttaaa	gctttgtata	taatatgcct	tgaattgtaa	540

gtgcctgtta	ttagttgtat	tacatatagg	tcatggtttt	gtacacataa	ctccaaacca	600
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agtatcta	gacctttcca	aattaatttt	tatttttagc	tctgttagat	ttttctcagt	720
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gttgaccagc	ctgggcaaca	tagtgagacc	ttgtccttat	taaataaata	aataaataaa	960
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ggattgcttg	agccccagga	gtttgagacc	agcctgggca	gaatagcaag	actccatctc	1080
tacaaataat	aaaatattaa	ccagggtgtg	tggtgtgcac	ctgggggtacc	agccacctgg	1140
gaggctaagg	tgggaggttt	gctcgaggct	gcagtgaact	gtgaatgcac	cactgcattc	1200
cagcctaggc	catagaacag	gatcttgtct	ataaataaag	aaataagtaa	aaatataaat	1260

<210> 5561

<211> 8514

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (453)...(6673)

<223> similar to gi6002696 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5561

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gcagcgggga	gacccaggct	gcagcaacaa	agggcagcga	gcgattggcc	gggctgcagg	120
cgagatttgc	ctgaagacct	ggataatctc	catttttgtc	atggactgtt	aaaacgtttg	180
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aaggatggat	gtttgttaaga	tggtgcttaa	tacagtctgg	aatactctgt	ccatttgttg	360
aattgtaaat	gactttcaaa	tgtgcaagtt	ctgttaaata	caaagagAAC	ctctatgggt	420
aacttttgtg	ttgaagaagt	catttgtcaa	ccatggtaaa	acttgcaaac	ccactttata	480
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cgcagtacag	gggtcaattat	gggagcttag	atggcaaagg	ggcacctcag	tatcccagtg	1020
cattcccata	ctcgtcccca	cctgtcagcc	ttctacccca	tgagaaagac	cagccccgtg	1080
ctgatcccat	tccaatatgt	agcttctgtt	tggggactaa	agaatcaaat	cgtgaaaaga	1140
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<223> similar to gi31397 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 5563
 <211> 4827
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (496)...(3592)

<223> similar to gi4582149 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5563

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<210> 5564

<211> 2338

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2339)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (627)...(2012)

<223> similar to gi4151084 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5564

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<210> 5565

<211> 8734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (91)...(6623)

<223> similar to gi4530437 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5565

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<210> 5566

<211> 4871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (151)... (3045)

<223> similar to gi897827 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5566

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<210> 5567

<211> 2950

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2951)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (17)...(2780)

<223> similar to gi33989 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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aaaaaaaaaa						2950

<210> 5568

<211> 1673

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1582)...(144)

<223> similar to gi5777952 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5568

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tgcagtgtct	acacttcctc	tggagcgcg	cgggcgggag	gccgggcgcc	tcagactcag	1620
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<210> 5569

<211> 2934

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2850)...(699)

<223> similar to gil665773 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5569

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<210> 5570

<211> 3786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (385)...(3787)

<223> similar to gi4324434 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5570

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ccccgttcgt	ctccccgctc	tgccccacca	gggatacttg	gggttgctgg	gacggactct	180
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tatggt						3786

<210> 5571

<211> 6143

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5492)...(2924)

<223> similar to gil944416 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5571

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<210> 5572

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (402)...(848)

<223> similar to gil335008 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gtattgtgtg	tgtatata					1098

<210> 5573
 <211> 8527
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(8528)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (8438)...(432)
 <223> similar to gi29865 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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aaattta						8527

<210> 5574
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (34)...(365)
 <223> similar to gi4680709 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5574

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ttaaaacctt	aaaagaaaga	aaagaaggat	cccagcgcac	taaaggaaag	agaagttccc	180
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atgatggact	gtctgtatgc	caagtgtatc	ccatgtataa	ccgatttgtgt	aatggctgaa	360
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taagattcct	ggagttccta	tcatgtacat	ttctaaccat	aggtgagaaa	tttcccttgg	600
agaagggaat	agaaatatat	aattgatatc	aattgaaaat	gaggataagt	gataagggtta	660
taaaggattt	gaaagaaatt	attgtatcaa	atgtttacat	agttatatatt	gaagaaatga	720
gacaaagcaa	gagcaagagc	aaaagagaga	gataggattt	aaggaatgag	gcaaacattt	780
aaattgttag	agtaagatta	ctggaagaaa	tagacgtatt	gttttaataa	aaagcagtaa	840
tttaaataca	gctaattctt	ttggccagaa	atacctgttt	tgaaagattt	ttttttatta	900
acacttcac	tgagaaatgg	aaagcttatt	taaaaaaaaa			940

<210> 5575
 <211> 1595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (407)...(687)
 <223> similar to gil710216 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5575

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gagaattatt	gtgcttcttt	ggagatgtta	tgtttccttt	ttcatatttc	ttgcatecct	180
atgtgactat	ctgtgectct	gacataacag	tcatttcttc	caattttatg	gattggcttt	240
tatatgggaa	agaccttttc	ttatagctct	atctacagtg	ttcattggat	atcacacttt	300
ggctttgatt	ctgggtgggt	acagtgggat	agtctgcata	tgattccttc	agctgtaatt	360
ggcatgagt	gtgcctgtga	gtcattcagt	ggcttagact	gcagtgtttt	ttttgtgggt	420
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agtcagaggg	ccagatttgg	cccttgggtc	atagttggcc	aacctgttt	agagcagtca	1560
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<210> 5576

<211> 2435

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1450)...(683)

<223> similar to gi5420389 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5576

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atgtacagct	gtatagttca	aaaaagctat	cctatatgta	tatacaaaa	ttgtttatac	180
acaggctctgt	acataagggg	ctatacattt	atttctcag	aaccttagg	tgccacctct	240
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ttgacaacat	tgtgcatact	gtattcagac	aatgtacact	ccactcgact	ggttaagatc	360
cttccatcat	aatgcggacc	acaccagatg	catgggttcc	accaaacagc	ttcacacaga	420
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caaaccattt	ggcaaggccc	acaggggagc	tgctcctctg	gctggggcga	tgctccagct	660

gggagtgc	at	gtggggcagg	cctgaccggc	tgggcacg	ctgaggggtt	gtctgaacgc	720
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<210> 5577

<211> 1640

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (35)...(1461)

<223> similar to gil82923 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5577

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tgaaccacgc	aacatgtcat	acgtgaaaga	gacagtggac	agattgctca	aaggatatga	180
cattcgcttg	cggccggact	tcggagggcc	ccccgtcgac	gttgggatgc	ggatcgatgt	240
cgccagcata	gacatggtct	ccgaagtga	tatggattat	acactcacca	tgtatttcca	300
gcagtcttgg	aaagacaaaa	ggctttctta	ttctggaatc	ccactgaacc	tcacctaga	360
caatagggta	gctgaccaac	tctgggtacc	agacacctac	tttctgaatg	acaagaaatc	420

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<210> 5578

<211> 2020

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (268)...(1419)

<223> similar to gi4220483 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5578

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ccgactgggc	cccgtgcctc	cccgcctccg	cgtccccccg	ccgcaagacc	gagccgccac	180
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tcagaagctc	aaagagtccg	tgggggaaaa	gaccacaaa	gagaagccca	accagccagc	300
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<210> 5579

<211> 861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (745)...(191)

<223> similar to gi505096 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5579

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<210> 5580
 <211> 6204
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6085)...(2968)
 <223> similar to gi3800881 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 5581
 <211> 5235
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (290)...(2497)
 <223> similar to gi5163089 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 5582
 <211> 945
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (828)...(340)
 <223> similar to gi6007807 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5582

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<210> 5583
 <211> 4326
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (84)...(3919)
 <223> similar to gi5689551 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5583

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ctggacattc	gtcaagttacc	aatagaaata	gtataaataa	aactctgaag	caagatgatg	360
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<210> 5584

<211> 6329

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(6330)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (124)...(5558)

<223> similar to gil665781 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5584

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acagaccacc	tgccttagca	aaattcctcc	cgaatagtca	agaattaggc	aacaccagta	4560
gtccagaggg	tgaaaaagac	tctcctccac	cggagtggga	ttccggtcca	gttcacaaac	4620
ctggcagctc	tactgatagt	ctttataaac	tttctctgca	aaccctcaac	gcagacattt	4680
tcttaaaaca	acgccagacc	tcaccgacac	ctgcttcccc	gtctccccc	gctgccccct	4740
gccccctt	gtgt	ggcccggggc	agctacagca	gcacgtcaca	agcagtgacc	4800
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agatctaatt	ttaaaactgt	atgaggactt	tgtgctgaaa	atagagtatt	tttttaaagt	6060
aaggctgtct	tggttttaaaa	gcagattaca	gaaatgtaag	tcaacttaag	aacagtgaat	6120
gaatgtaaaa	acattcagtt	gagaccatat	gcattttctg	tgctgtttgt	acttgaggta	6180
tgtaacattt	gtatacctga	acttatttta	aagatgaact	gaaatgcaca	tagccaagtc	6240
ttgagataca	agattgaatg	tgtatttctt	aaaaatacaa	ctttgtgttg	tactttgaaa	6300
taaatgatgc	ttttttcana	aaaaaaaaa				6329

<210> 5585

<211> 1991

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (358)...(1133)

<223> similar to gi2911882 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5585

tccgggtttc	tcatattggt	caggctgggtc	ttgaactcct	gacctcaggt	gatctgcccc	60
cctcggcctc	ccaaagtgtt	gggattacag	gcgtgagcta	ccgcgccccg	caggggttgtt	120
tcttaaagggt	aaataagctc	cctaaatttg	tctgtaaatt	ggaagtaact	ccagtgaaaa	180
tgccaacagg	aatttttttt	tggcttgaca	aactaaggct	aaaattaata	tagaaatgag	240
catacaataa	taggaacact	atgaaaaaga	agagtaatga	gagggtgggac	caagtctata	300

agatattaaa	gggtaagtct	ctccggcccc	gtttccctcg	gtgtgctact	gtgcgcgcga	360
tccagcacca	tggggaagcg	ggacaatcgg	gtggcctata	tgaacccaat	agcaatggcg	420
agatcaaggg	gtccaatcca	gtcttcaggg	ccaacaatac	aggattatct	gaatcgacca	480
aggcctacct	gggaagaagt	aaaagagcaa	ctagaaaagg	aaaagaaagg	ctccaaggct	540
ttggctgaat	ttgaagaaaa	aatgaatgag	aactggaaga	agaactgga	aaaacacaga	600
gagaaattgt	taagtggaag	tgagagctca	tccaaaaaaa	gacagagaaa	gaaaaaagaa	660
aagaagaaat	cttggtaggt	attcatcttc	ttctttcatc	aagctctgat	tcttccagca	720
gttcttctga	ttctgaagat	gaggataaga	aacaaggaaa	acggagaaag	aaaaagaaga	780
accgttcaca	taaatcttct	gaaagctcca	tgtcagaaac	tgaatcagac	agtaaggata	840
gtttaaaaaa	gaaaaagaag	tcaaaagatg	gaactgagaa	agaaaaggat	attaaaggac	900
tcagcaaaaa	gagaaagatg	tattctgaag	ataaaccttt	atcatctgag	tccttgtcag	960
aatcagagta	tattgaggag	gtgcgagcaa	aaaagaagaa	aagcagtga	gaacgagaaa	1020
aagcaacaga	aaaaacaaaa	aagaaaaaga	agcataagaa	acacagtaag	aagaagaaaa	1080
agaaggctgc	tagttcaagt	cctgactcac	cataacatta	agaaaaatca	ggattccctt	1140
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aatgcatgaa	ttttcttggt	tttgaatta	ttcttggaat	attcagtagc	cactcagatg	1260
ccactgtgtg	aaagggccat	aaatgttgcc	tgtgtgctga	acatctatct	ttttctcttc	1320
cagtgtctga	taactctggg	agataataca	ctgcagtcgt	actagtgggt	aagatatattg	1380
ggaataaaat	taatactttt	gactagaagc	gtctaaggat	aaaccaacag	aaattgaatc	1440
tggatacatc	tttaagatgt	aatcagaaat	gaccagatga	ctctagttag	aatttttgaa	1500
ggagggatta	cattaatatt	tcaaaacctt	tactctgtag	ataagtgtat	tttaattttt	1560
tcccctcgta	tacttttatt	tacctgggga	aggagctttt	agggttgggg	ggtggtttgc	1620
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tttgcagcat	gagaaagccc	caaaagctct	gggattttacc	tccacttttag	taataatgaa	1860
tatttttttag	cattagaatg	tgttatgtca	tttgaattaa	tttgactac	actttggcct	1920
gggagaggaa	ttatttttaa	tagacattgg	tactttttga	acttgatagc	taaagattct	1980
aaaatgcatg	t					1991

<210> 5586

<211> 1029

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (154)...(967)

<223> similar to gi34203 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5586

ggaattcgtg	ctgggggggtt	gcagaaagct	gctcgccagc	ttagttcagg	caggtgctgt	60
cagcgctccct	tgttttggag	gagccagcct	gagccctacc	cccagcgaag	cgagtggagg	120
cggcggttta	actgacgttt	tctttctgcc	cagccgaaag	gaaagaaggc	caagggaaag	180
aaggtggctc	cggccccagc	tgctgtgaag	aagcaggagg	ctaagaaagt	ggtgaatccc	240
ctgtttgaga	aaaggcctaa	gaattttggc	attggacagg	acatccagcc	caaaagagac	300
ctcaccgcgt	ttgtgaaatg	gccccgctat	atcaggttgc	agcggcagag	agccatcttc	360
tataagcggc	tgaaagtgcc	tcttgcgatt	aaccagttca	cccaggccct	ggaccgccaa	420
acagctactc	agctgcttaa	gctggcccac	aagtacagac	cagagacaaa	gcaagagaag	480

aagcagagac	tgttggcccg	ggccgagaag	aaggctgctg	gcaaagggga	cgtcccaacg	540
aagagaccac	ctgtccttcg	agcaggagtt	aacaccgtca	ccaccttggt	ggagaacaag	600
aaagctcagc	tgggtggtgat	tgacacgac	gtggatccca	tcgagctggt	tgtcttcttg	660
cctggccctg	tgtcgtaaaa	tggggggtcc	ccttacttgc	attatcaagg	gaaaagggca	720
agactgggga	cgtctagtcc	acaggaagac	ctgcaccact	ggtcgccttt	cacacagggtg	780
aaactcggaa	gacaaaaggc	gcttttgctt	aagctggtgg	aagctatcag	gaccaattac	840
aatgacagat	acagatacga	tgagatccac	tgtcactggg	gcagcaacgt	cctgggtcct	900
aagtcctggg	ctcgtatcgc	caagctcgaa	aaggcaaagg	ctaaagaact	tgccactaaa	960
ctgggttaaa	tgtacactgt	tgagttttct	gtacataaaa	ataattgaaa	taatacaaat	1020
tttccttca						1029

<210> 5587

<211> 341

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (15)...(123)

<223> similar to gi28547 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5587

ggcagagacc	caccatggcg	ctgtgtcctg	ccgacaagac	caacgtcgta	ggccgactgg	60
ggtaaggtag	ttgctgcacg	tggcgaggat	ggtgcggagg	ccctggacag	gatgttactg	120
ctcttcccca	acaccaggac	ctacttcccg	cacttcgacc	tgagtcacgg	ctctgcccag	180
ggtaagggtc	acggatgga	tgaggcgac	gcgctgacca	acgccgtgtt	gcacgaggac	240
tacgtgcca	acgcgtgta	cgacctgagc	gacctgcact	cgcacatgc	ttcaggagga	300
ccaggacatc	ttcaagcgac	tactgcactg	actgctggcg	a		341

<210> 5588

<211> 1911

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1609)...(641)

<223> similar to gi5225320 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5588

cttttttttt	ttgttagttg	tttttgtttt	taatttgtct	ccaataagca	atgtcttctg	60
------------	------------	------------	------------	------------	------------	----

ccccatccag	catgggaagt	gggtcccacg	tgaagggggc	cccaccaccc	cactttggga	120
agctgaaggc	tagagacttc	gggagcccc	cccggctcaa	gactcccccc	tacgtctggg	180
tgtgggttat	attcagaggc	ccgacaccca	cactggggta	ggtaggtat	tgggtttact	240
taggccacag	gccccccggg	ggcagggaga	cagagtgggg	ggcccgaagc	tcctgtctc	300
tgaagaagt	taaaaagttc	ttggggtagg	ccctgggccc	cgtggggggc	agttatgaga	360
tgaaggagg	ttactcctta	agcccaggag	tggttaagag	acagtggggc	tggtagagat	420
gcctgtttaa	agccttgccc	tctaggaggt	gttagagatt	tgctgggggt	gggggcccag	480
ggttgctggg	acccccagtt	tttggggaag	ggagctgtaa	gagattgggg	gatgttctga	540
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cctgaggagc	tggcatccc	gcctgggaga	tgcagctgtc	actggggttt	ctccctctct	660
gttgctcctg	cctcgtcctt	ggcaggtggc	ggggacttct	tgggggaagc	tgaagtgtcg	720
gggttgggga	cccccgcccc	cgactgggca	tctatgctgg	cgtgcctcct	tgcggaacaag	780
gtcctccagc	tccttcttcc	atccaaggag	ctcagcaagg	gccaggcagc	cctggctcgca	840
ttcaccacag	caggccacgt	ccctgcaagg	aggtacccat	gaccaggagg	aggtccacct	900
tcaggaagtc	tgactgcata	caggagaaga	aacgcgctgg	gaggctctca	ccaaaaaaga	960
cgattatcag	gcttcaccag	gctctgacag	tcttcacact	tgggcgctcac	ctcagagaag	1020
atcttctctt	tcatccagct	tagcgggtat	tcgtgccggc	agctggcgct	gacgcagtgt	1080
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cgaaaagtgc	gggatgcctg	cgatgttgga	gattccagct	cccaccaaac	agatgactct	1440
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acgtccttcc	tggtgcacca	ggctgagcgt	ctgggagaat	aagttccgca	ggaagtcctt	1560
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cccgccccca	ggagcaagac	ctcatgtgag	tggttttgc	ttgcttttct	tttttgagac	1860
agtgtctcgc	tctgttgccc	aggctggagt	gcactgggtgc	agtcacagct	t	1911

<210> 5589

<211> 1612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1613)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (109)...(1060)

<223> similar to gi4929649 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5589

aggaggcggg cgggcgcggt tctttccgga aggattgaat ctcttttagc cccgcccgcc 60

tccgtagctg	cctgaagtag	tgcaggggtca	gcccgcgaagt	tgcaggtcat	ggcgctggct	120
gctcgactgt	ggcgcttct	gcctttccga	cgtggagccg	ccccggggtc	tctctccct	180
gcggggactt	cgggcagccg	cgggcattgc	ggccccgtgc	gattccgcgg	cttcgaggta	240
atgggaaacc	caggaacttt	caacagaggc	cttttactct	cagctttgtc	gtatttgggt	300
tttgaaactt	accaggttat	ctctcaggct	gctgtgggtc	atgccacagc	caaagttgaa	360
gaaatacttg	aacaagcaga	ctacctgtat	gaaagcggag	aaacagaaaa	actttatcag	420
ttgctaacc	aatacaagga	aagtgaagat	gcagagttac	tgtggcgttt	ggcacgggca	480
tcacgtgatg	tagctcagct	tagcagaacc	tcagaagagg	agaaaaagct	attggtgtat	540
gaagccctag	agtatgcaaa	aagagcacta	gaaaaatgaa	tcaagttttg	catctcataa	600
gtggtatgca	atctgcctta	gtgatgttg	agattatgaa	ggcatcaagg	ctaaaattgc	660
aaatgcatat	atcatcaagg	agcattttga	gaaagcaatt	gaactgaacc	ctaaagatgc	720
tacttcaatt	caccttatgg	gtatttgggt	ctatacattt	gccgaaatgc	cttggtatca	780
aagaagaatt	gcctaaaatg	cctgtttgca	actccctccc	tagttcccac	cctatgagaa	840
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taatgaaagc	caaggactat	ccagcacaca	cagaggagga	taaacagata	cagacagaag	1020
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gaaatagcta	ataaacattg	ccttttcttt	taattctaaa	cttaatatat	gaactataac	1140
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ccatggctca	ggcaaagaga	ttattttgca	tcctggatac	cagcaatgca	aatgggtatg	1320
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aggggaaatg	gatctatagg	ggatatacag	ggggatggat	tttcaaattg	gattgattct	1440
aagttgaaat	cttgaagaga	aggtgtgggt	acagtgggtt	ggatgttgtg	ggttcctgac	1500
ataaagtagt	taaatgatat	atcttggagc	taacctgtga	aataaaaaac	taagtaagga	1560
gatgatgtat	tgcgnccgct	ctagagtatt	caacctaaca	aagagtgact	tt	1612

<210> 5590

<211> 2065

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2038)...(179)

<223> similar to gi535012 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5590

tttttcagag	acaaggcttt	tattcactgt	atgccttggc	atctcctctc	acaccagaaa	60
gtttaaaaga	aaaaacacag	cgacaaggat	tcacttgggc	catttttgaa	cccatattata	120
ttgtgggtgt	tactctgggc	ttcatctagc	cccatactag	cctctgagac	tgccctcagac	180
cgtctgaaca	ttcatggcct	tcccttgggc	ccaaatgtag	ctgtcccagt	gtaaaaggag	240
tcatagtctg	gagtgtaaag	cccagggatc	ttacaaaaag	cctccttggg	ccttaggctc	300
tgggtagtag	gaaaaccagg	ttgtgtttgt	accctagtc	aaaaactttg	atggcaattc	360
tcaaaaacac	gtttcggatg	ggtgctgagt	ggtggggtag	agtctcccct	gggacagatg	420
ctgctcagag	acttcctggg	gcaatttggc	tctgctgtca	gggaggaaga	tctcatctgg	480
ggatgtgcc	gggatccccg	ccgggcgaat	ggactcccag	ttgccacccc	cggggaacac	540
gttaagcatt	gtttcccctg	ccccaggaa	tgaaggctt	gcccatctcc	caaatcaaca	600
ctccttaaaa	aggacttcca	actggcaaaa	aatcccctcg	gccctcggt	gacccggtag	660

cacttctcaa	gccgtgcaact	cggccttgct	ggtgggggttg	ctcagggcaa	agatgatagg	720
ggcgctcgty	gaaggaggcc	atgtccctca	gaatctgctc	cgtgaagggc	ttctgcgatg	780
gcagcaaac	ctatgatggc	tgtgggcttc	accagcctca	ccacctcctc	cagggagttg	840
acttcaggat	gggtcttggg	caaacatctc	cttttcatgg	ttcaggtggt	ctctccccctg	900
aacaatgagc	cctttaaaag	tccaccatcc	cagatctttc	ttgtggcctc	ctgccttcgg	960
tacaccttct	ttcctctagg	gccatgacaa	ggaggtgggc	aatgccccat	agctgcctcg	1020
cctgcacctt	ggaaaccaa	cacgtgattg	gaaagcttgt	tcttggtgat	tcgcagagca	1080
gccaagatcc	ctgccacagc	aacggaggct	gtgccttgga	tgtcatcatt	gaacatgcag	1140
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agcagctcct	cattggttgg	gccgacgtcc	agcagcacag	ggaggcactg	ctgcgggttc	1380
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cccaggtctc	ccaggcccag	gatgcgtcc	ccatcagtca	ccaccacggc	cttaatatg	1500
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tgagggttcc	tggtgacatc	gtatccgcgc	ttcttcaggg	gcacagggcg	cgccgggcca	1920
ggcttgaggt	ggcagccttg	ggcgggcgcg	gtgggtgtcc	agcgcgggag	ggcgccgcag	1980
gcccggcccg	gccagggagc	cagccgcgtg	cctgtcccca	gcgcggcacc	catggtcctt	2040
ggcagacctc	ggtcctctcc	tcccg				2065

<210> 5591

<211> 1126

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (194)...(916)

<223> similar to gi2477514 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5591

ggcacgagcc	acggtccagg	ctggacacaa	ccaaaggcgg	aggacccgtg	gcccacgaag	60
ctcatctttg	aactgtcccc	gccttctccc	gccttgactt	gtgaccctag	gccctttggg	120
gcgcctctga	cccagctagc	cagatcccgg	acccaaacca	tgttccctgt	gaagggtgaa	180
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aaaaaaaaag	ggggggccct	tttaagggga	ccaattttta	ttcccggggg	ttgggaagggt	1020
aaaatttttt	ttttggggcc	ccaaaattaa	attccggggc	cgggttttta	aaacgggggg	1080
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<210> 5592

<211> 1964

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1741)...(1871)

<223> similar to gi5921397 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5592

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cacaaaatat	gcttaatata	gaaaccacaca	ttcatgtttt	taagaaaaaa	gtgtaaattg	180
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aatgcttaca	acttctcata	aaaatagttt	gaagcaacta	ttttttcttt	tattttttta	360
cagacacgtt	caacattacg	ggcaacattt	ttaaaacctt	aagctttaca	gactttcaaa	420
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<210> 5593
 <211> 5276
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (644)...(4326)
 <223> similar to gi4589640 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5593						
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<210> 5594
 <211> 3281
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (141)...(2294)
 <223> similar to gi4469187 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5594

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<210> 5595

<211> 6233

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5734)...(1911)

<223> similar to gi5305331 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5595

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<210> 5596

<211> 4321

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (232)...(3905)

<223> similar to gil702924 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5596

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<210> 5597

<211> 2197

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (608)...(2180)

<223> similar to gi3947613 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5597

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<210> 5598

<211> 4378

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (230)...(4154)

<223> similar to gil228045 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 5599

<211> 3925

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (3926)

<223> n = a, t, c or g

<220>

<221> misc_feature

<222> (208) ... (2552)

<223> similar to gi2769562 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 5600

<211> 7030

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (70)...(2429)

<223> similar to gi4688902 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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cattgtaaat	ggagcaaagt	acattatctt	ctaaaatgta	cattatgtaa	gaattgtaaa	6960
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<210> 5601

<211> 3734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3319)...(252)

<223> similar to gi3451166 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5601

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<210> 5602

<211> 1038

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (51)...(308)

<223> similar to gil890635 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5602

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<210> 5603

<211> 994

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (515)...(380)
 <223> similar to gi5104224 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5603

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cagccctcct	agtgggccag	ccccctagt	ttaaaaatag	gtccctaacc	ccccaggggtg	180
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gcacgtcctc	tcgtgccgaa	ttcctcagcg	cgga			994

<210> 5604
 <211> 1671
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1543)...(429)
 <223> similar to gi189762 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5604

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aataccttct	catctctttc	cagctcctca	tccataccct	gatttatagc	atcacgaact	1440
gtcaacctgc	acggcagccg	gcgcgggtcca	gtgaaagcgc	ctcttcagca	gcccagagac	1500
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ccgctgccaa	acgaccccag	aggggcccgc	agacgtgagc	acgcccgcct	ccaccggcgc	1620
gggcaatggc	aaggcgcgcc	ggctgcgtga	cccgccacc	cgcccaccgg	t	1671

<210> 5605

<211> 3670

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3671)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (197)...(2288)

<223> similar to gi5834572 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5605

tttcgtggag	aaacccggcc	cccagaagat	tgtgggtgta	gtggccacag	ccttacaggc	60
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cctcctcccc	cgccgccttc	ctgcagatct	gcttggcttt	gaggaagagt	ggcagtactg	180
cctcactgca	taagggatgg	gatcagagaa	cagtgcctta	aagagctata	cactgagaga	240
accaccattt	accttaccct	ctggacttgc	tgtttatccc	gctgtactgc	aagatggcaa	300
atttgcttca	gtttttgtgt	ataagagaga	aatgaagac	aagggttaata	aagctgccaa	360
ggtaccataa	tagcatttga	agacacttgc	tcacccttgc	ttgctaagat	ttttatcttg	420
tactgtggaa	gcggatggca	ttcatcttgt	cactgagcga	gtacagcccc	tggaagtggc	480
tttggaacaa	ttgtcttctg	cagaggtctg	tgctgggata	tatgacatat	tgctggctct	540
tatcttcctt	catgacagag	gacacctaac	acacaataat	gtctgtttat	catctgtggt	600
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cagccctggt	ccagtcacgg	gtgatccccg	tgcttctcca	gttggttgaa	gttcatgaag	1260
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gaattctgtc	ctggatagct	tcaggataaa	aaagttttca	taaagaagat	acaaaatcca	3600
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cctcgtgccg						3670

<210> 5606

<211> 1774

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1279)...(1756)
<223> similar to gi804764 in the genepept database release 114,
Run with FASTXY 3.3t00; default parameters

```

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<400> 5606
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gggcaagctt ccaccttcca ttccctttctt ctcccttagc atgtattctt cagaacttaa      120
aatctcttca attctcacct gacctaaaat ctaagcatct tattttcttc tgcaatgctg      180
cttgacccca atataaactc gacaggagtt ccaaatagcc agaaaatggc acattcaatt      240
tttccatctc acaagatcta aataattctt gtcgtaaaat ggcaaaggt ctgagggtgcc      300
tgaagtccag gcattctttt acacatcagt cccttcctag tctctgtgcc cagtgcact      360
cgtcccaaat ctctcttctt tccctccgc ctgtccctc agtcccaacc ccaagcgtca      420
ctgagtcttt ctaatcttcc ttttctacag acccatctga cctctccctt cctccctggg      480
ctgtctctcg ccaggccgag ctaggtccca attcttctc agcctctgct cctccaccct      540
ataatccttt tatcacctcc cctcctcaca cctggctcgg tttacagttt cgttccgtga      600
ctagccctcc cccacctgcc cagcaattta ctcttaaaaa ggtggctgga gccaaaggca      660
tagtcaaggt taatgctctt ttttctttat cccaaatcag atagcgttta ggctcttttt      720
catcaaatat aaaaatccag cccagttcat ggctcgtttg gcagcaaccc tgagacgctt      780
tacagcccta gacctaaaaa ggtcaaaagg ccattcttatt ctcaatatac attttattac      840
ccaatctgct cccgacatta aataaaactc caaaaattaa attccggccc tcaaacccca      900
caacaggatt taattaacct cgccttcaag gtgtacaata atagagtaga ggcagccaag      960
tagcaatgta tttctgagtt gcaattcctt gcctccactg tgagacaaac cccagccaca     1020
tctccagcac acaagaactt ccaaacgcct gaaccacagt tgccaggggt tctccagaa     1080
cttctctccc caggaacttg ctacacatgc cggaaatctg gccactgggc caaggaatgc     1140
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gactgtccaa ctacactggc agccactccc agagccctg gaactctggc acaaggctct     1260
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gcctcggaag ccccgtagac catcacggat gccgagcttt aggttaactct cacgggtggag     1380
ggtaagtcog tccccttctt aatcaatacg gaggctaccc actccacatt accttctttt     1440
caagggcctg tttcccttgc ctccataact gttgtaggta ttgacggcca ggcttctaaa     1500
cctcttaaaa ctccccaacg tctggtgcca acattagaca atacgtcgtt ttaagcactc     1560
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aatccaaagc ctcttttgtg tctctctctt gtatacccca acttaaccca caagtataag     1740
atctctctac tccctccttg acgaccgatt catg                                     1774

```

```

<210> 5607
<211> 4178
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (4135)...(1038)
<223> similar to gi4240251 in the genepept database release 114,
Run with FASTXY 3.3t00; default parameters

```


<400> 5607

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ctcttccccc	cctccaccac	ccctggcccc	aggcctgagt	caatgagggg	gaggatgagc	180
acacacagcg	ggcgaacagc	aataacttag	gggaggagcg	ccaggagAAC	acagagtGac	240
tgctggactc	cacagctgag	gaggctgcct	gtctagaggt	ccgaagggct	gggcctgggg	300
taagtGagca	aactgaggaa	ggtgggtgaa	aagagaggac	taggggactg	gagaaacttc	360
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agctacctcc	aggggggcag	ggcccgggac	tggcgggtgc	gtgacctccg	cccggctaga	480
gtccctggca	gtggctggcg	ggaggcaggg	ggccctagct	ggcgtgggct	gcgtggtagt	540
agccggggga	ttcgggtggg	ccgttcaccc	cgaagcaggc	cccagctggc	cagtgtgtgg	600
atggcccacg	ggggcaagtg	ggatgctaaa	ccctggctgg	cccgtgccag	acgccagttc	660
cagcccttgc	acaggaccca	gacccttgcc	aacagagcta	atgggtgttg	ggtggtgcgg	720
ggattacgcc	gccggggccc	agggacgggc	aggcggctgc	ggaagccatc	cttgttggtt	780
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gctcagccac	atctgggtcc	ttcaggctcc	cggccccggc	cccagctggc	atggtggccc	4140
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<210> 5608

<211> 1010

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1011)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (113)...(255)

<223> similar to gi1537015 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5608

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tgacttctgc	cctgccaggc	cgcacacaag	ctggctgacc	cggtttgtaa	aatggaatt	120
tcaagcagta	gtgatggcag	taggtggagg	atctcggatg	acagacctaa	cttcagcat	180
tcccaaacct	ctgcttcag	ttgggaacaa	acctttaatt	tggtacccat	tgaacctgct	240
tgagcgtggt	ggatttgaag	aagtcattgt	ggttacaacc	agggatgttc	aaaaggctct	300
atgtgcagaa	ttcaagatga	aaatgaagcc	agatattgtg	tgtattcctg	atgacgtgga	360
catgggaact	gcagattctt	tgcgtacat	atatccaaaa	cttaagacag	atgtgctggt	420
gctgagctgt	gatctgataa	cagacgttgc	cttacatgag	gttgtggacc	tgtttagagc	480
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cctctactgt	ttgaaaaaat	acatcgtgga	tttcctaata	gaaaatgggg	tcaataactt	780
ctatccggag	tgaacttgat	tccatattta	gttgaggaaa	acagttttcc	tcagcttccct	840
cacaacaggg	gacaaggaag	gaaaaagagg	gagggtctaa	aggaaaaagg	ggcttgaagt	900

ccttttaggat	atcttacagt	ttttattaaa	aggaagccaa	ttacactgga	accggggctc	960
cctatggatg	gcctgctggg	gattgctgt	tcgagggngg	acggttgggg		1010

<210> 5609
 <211> 2189
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (50)...(2003)
 <223> similar to gi4680647 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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cgaagctatt	acattgcttg	aacaaaataa	ttgggactta	gtggcagcta	tcaatggtgt	180
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ttaggagaga	cgtaactcaa	ctggacccaa	ataaatccat	tattgggagg	taaagttggt	1980
cccttcaaga	aacccttttc	ccttggaagc	caaaagagta	aacacggggc	cagcggtgga	2040
accaccctt	tcttggccaa	gccagcaagc	tgcggtcgga	agaagggttc	ttcgccaacc	2100

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caccccccggt ctgtttctcat tcaattcatg gtcccacttc tgctttcttgc aaaatggctg 2160
gaaaaagtaa taataaatat agctactta 2189

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<210> 5610
<211> 3446
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (201)...(2368)
<223> similar to gi4321664 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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taccacagca ggagcttctg gacaaaatta aagaagaacc agacaatgct caagagtatg 300
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tcatcagcaa attatgaatg actgtcttcc acaaaataaa gtaaatattt cttaaagcaa 2040
aactgctgtg acggagctcc cttctgcaag gacagatata acaccagtta taaccagtgt 2100

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<210> 5611

<211> 2531

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (997)...(2355)

<223> similar to gi3874427 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5611

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ctttgtaaac	gaattgaaga	gctgaaaaaa	agtactgacc	aatcttttga	acctgaacgg	360
ttggaaagac	aaaaaaaaat	atcttggtta	aaagagagag	taaaggcctt	tcaaaatcaa	420
gaaaattcag	tcaatcaaga	gatcgaacag	tttcagcaag	ccatagaaaa	ggacaaagaa	480
gaacatggca	aaattaagag	agaagaatta	gatgtgaagc	atgcactgag	ctacaatcag	540
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gttccagctc	ttcttgaagc	catagatgat	gcttatagac	aaggacattt	tacctataaa	660
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<210> 5612

<211> 2161

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2102)...(1410)

<223> similar to gil730284 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5612

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<210> 5613

<211> 2293

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2155)...(1087)

<223> similar to gi210699 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5613

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tattttttta	atacagtttt	aagtttcaac	cacttgtatc	accagaattt	tgagacttaa	420
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gcattataac	tgagcaacaa	gttggcacia	tcaccatgtg	ttggttgctg	gagagctatc	1680
atcagggtct	tgaattgctt	ctgaacctgg	agactgctgg	cacggattct	gtcacttgac	1740
ccctactact	atgccaatgc	caatcagtag	atcacacag	tacagtacag	atgatagctc	1800
caagaatgta	aattgcgga	ccttcccttt	gtggctttgg	ccatacagca	ttttagtttt	1860
gttctttcca	ttaactgaag	tcacgaggta	tgcttcttg	gaaactccaa	cagttaagag	1920
attctcatgt	attccatgaa	ataaaaagca	aagaaaaatc	aaacttgtct	taatgagatg	1980
gaagtgttgg	atcaaacact	gattgagctg	ttctatgtcc	tccacttccc	cagtgcctgg	2040
atgtggttca	tctgcatcga	tggatactgt	ccaaatttgc	cacttggctc	aaaagactgc	2100
tgcccagtg	atggtaatgc	agatagaggc	tcagaggtat	ccatgggttc	ctccatgatg	2160
aacaatggtc	ttgattgctg	aagcgattgt	ttctgattgg	ttcttatgcc	cagatctgta	2220
cctcccacct	tgggaggctg	agggaggata	gcttgagccc	aagtgttcaa	agttgacagt	2280
gagctatgat	cac					2293

<210> 5614

<211> 1378

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (167)...(1165)

<223> similar to gi4200234 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5614

gtcgggcctc	ctccagtaag	aagcgtgggc	gagtagtggt	gtcgccagtg	gcaactgaag	60
ggagtaatgg	agataaaaca	aaagcgaagg	cgaagttaaa	gcactccacg	agttccctcg	120
gattaaacgc	cggagagagc	gtgaatttgc	ctcggggacg	cctctccagg	aatgtcggat	180
tgacatcct	attgtaaaat	gtacttactg	cagatcagaa	tttcaacaag	agagcaaac	240
taacacaatt	ttgtaagaag	tgtgctcaaa	atgtgaagca	atthggggac	ggccaagcct	300
ttttcagtac	tgtaacataa	tttcagcatt	ttttggtacc	aagtgtcagc	gttgcaaaaa	360

ttcagaaaaa	aagtatggac	cacctcagac	ctgtgaacag	tgcaaacagc	aatgtgcttt	420
tgatcggaag	gaggaaggaa	gaagaaaggt	tgatggaaag	ttattatgct	ggctctgtac	480
tttatcgta	aaaagagttt	tacagaagac	gaaagaacaa	aggaagagcc	tgggatcttc	540
acattcaaat	tcattctctt	catctcttac	tgagaaagac	cagcatcatc	caaaacatca	600
tcaccacat	catcaccatc	accatcgta	cagcagtagc	catcacaaaa	tcagcaatct	660
aagtccagaa	gaagagcagg	gactgtggaa	acagagccat	aaatcctctg	caacaattca	720
gaatgaaact	ccaaagaaaa	agcccaaat	ggaatctaag	ccatctaattg	gagatagggtg	780
tatgtaattg	gtgccattag	taaggtaatt	tgccagttgc	atccatttct	gtcagtagct	840
ctataaatca	gtcagcagat	agtgggggaa	cagacaattt	tgtccttata	agtcaactga	900
aagaagaagt	gatgtcactt	aagcgtctct	tacagcagag	agaccagacc	attttagaaa	960
aagataaaaa	gttaactgaa	ctaaaggcag	actttcagta	ccaagagtca	aatttgagaa	1020
caaaaatgaa	cagtatggaa	aaagcccaca	aagaaactgt	ggaacaactt	caggccaaaa	1080
acagagaact	actcaaacag	gtcgcagcat	tatcaaaggg	taaaaaattt	gacaaaagtg	1140
gaagcatact	aacatctcct	tgagaaagtc	atttgtttag	catttcttct	tacaatgtaa	1200
atttggggaa	aaaaaattct	gtgaagccct	taaattctgt	gtagtagaaa	aatatttttg	1260
cacaccaaat	gaattggtgt	gtttcctgtt	cacttttgta	attgatatac	agcatttttt	1320
aagttgtaaa	acattcaaat	aaaacttcaa	ctgggttgaa	gtaacttttt	aattaaaa	1378

<210> 5615

<211> 2473

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (94)...(1892)

<223> similar to gi3047308 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5615

cccacgcgtc	cgcaaggagc	taaggccttc	agtgtccctt	tccttaccce	ggtttctcac	60
agaatggatt	cccacgggga	acttgcagag	gaactgcggc	tttaccaatc	cacccttctt	120
caggatggtc	taaaagatct	cctggatgag	aaaaaattca	tcgattgcac	cctaaaagca	180
ggtgacaaaa	gtcttctctg	ccacagattg	attttgtcag	cttgtagtcc	ttacttccgt	240
gagtactttt	tatctgaaat	tgatgaggcg	aaaaaaaaagg	aggtagtgct	agacaatgtg	300
gatcctgcta	tacttgattt	aatcatcaaa	tacctgtact	ctgccagtat	tgatctcaat	360
gacggaaatg	tgcaagatat	ttttgcattg	gccagccctg	ttcagatccc	ctcagtgttt	420
actgtctgcy	tttcttatct	tcagaaaaga	cttgctcctg	gtaaactgtc	tagccatcct	480
aagattagga	cttcttcttg	actgcccag	actcgccatt	tctggcccgt	gaatttgcgt	540
ctgatcgctt	tgtacagatt	tgtaagggaag	aggactttat	gcaactgggtc	tccacaggaa	600
ctgatctcag	tcatttcaaa	tgacagccta	aatgtagaaa	aagggaagaag	cagtatttga	660
gggcagtgat	gaaatgggtg	cggaacagac	aaggaaaaaca	gggttaaaaa	ccttttagtgg	720
aagtgtttgg	attgtatccg	ttttgcctt	atgacagaaa	aatattttta	ggatcatggt	780
gagaaagatg	atataattaa	aagcaaccca	gacctccaga	aaaaaatcaa	agttctaaaa	840
gatgctttcg	caggcaaat	cccagaacct	agcaaaaatg	ccgcgaagac	tggggctggt	900
gaggtgaatg	gtgatgttgg	tgatgaagat	ttacttctctg	gttacctgaa	tgacattccc	960
aggcatggaa	tgtttgtaaa	agacctcatc	ctcttggtta	atgacacagc	agcagtggct	1020
tatgacccca	cggaaaatga	atgctacctt	actgcactgg	ctgagcagat	tcccagaaat	1080
cattccagca	ttgttaccca	gcaaaatcag	atatatgtgg	taggaggact	atatgtggat	1140
gaagaaaata	aggatcaacc	tctacagtca	tacttcttcc	agctogatag	catagcatct	1200

gaatgggttg	gacttccacc	tctgccttca	gccaggtgtc	tcttcggtct	gggagaggtg	1260
gatgataaaa	tctatgtagt	tgcaggcaaa	gaccttcaaa	cagaggcttc	gctggattca	1320
gtattatgct	atgatcctgt	ggctgcaaaa	tggaaacgaag	taaaaaaact	ccctatcaaa	1380
gtctatggcc	ataatgtgat	ttcacataaa	gggatgatat	attgtctagg	aggaaagaca	1440
gatgacaaaa	aatgtacaaa	caggggtgtt	atcttcaacc	ccaaaaaagg	agattggaaa	1500
gatctggctc	caatgaaaat	tctcgtttcc	atgtttggag	tagcagtcca	taaaggcaaa	1560
attgtgattg	caggaggtgt	cactgaagat	ggcttttcag	cttcagttga	agcttttgac	1620
cttacaacaa	ataaatggga	tgtaatgacc	gaatttcccc	aagaaagaag	ctccatcagt	1680
ttggctcagc	tggctggatc	tctgtatgca	attgggtggt	ttgctatgat	tcaactggag	1740
tctaaagaat	ttgcacccac	tgaagtcaat	gacatatgga	agtatgaaga	tgataaaaaa	1800
gaatgggctg	ggatgttgaa	ggaaatacgt	tatgcttcag	gagctagttg	cctagcaaca	1860
cgtttaaatc	tcttcaaact	gtctaaactg	tgaacaaggt	gacaaaacat	aatagattgg	1920
gaggtgggtt	gtttggtgaa	tggggcttta	atttattctg	ttttttaaaa	gcttgtagac	1980
acactcatgt	agaaattatt	caagaagtta	ttgtctaaga	gatgagcagt	aggtaagaaa	2040
acctcagtc	ttgactcttc	aatgtaatga	tcagagttta	aaaccatttt	ctaataataa	2100
attaaatctt	cagttgaaca	aattattttg	tgaatctggt	tcactcaatg	gattgtaaag	2160
aaggctccta	aatttgagtt	gtttgcta	catttcattt	gcatcattag	ggtatcctta	2220
aactgatttt	ctattacaat	tggagtgga	gaatatgtgc	atctacacta	aaaaaatggt	2280
taagatatca	aaaacctctc	ctcgtgcttc	aaaatgacag	gaatcctgtg	cattatacta	2340
agaattacat	gccataagat	gactgacttc	agaaatccta	cttcagaagt	gtaataaatg	2400
gatgaggaaa	tcgtttgatg	gggaaaagtc	tcttgtaagt	aaaagtagtc	aaattcaa	2460
ggcaaaaaaa	aaa					2473

<210> 5616
 <211> 1894
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1895)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (51)...(689)
 <223> similar to gi5566244 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5616						
cctcctgaga	gttcgccggc	ccgggccc	tggnnttggt	ccaaggggtc	atgcagaaat	60
acagcagcag	cttggtcaag	acctcccagc	tggcgctgc	ggacccttg	ataaaggcca	120
tcaaggatgg	cgactgaaga	ggccttgaag	accatgatca	aggaaaggaa	gaatctcgca	180
gagcccaaca	aggagggctg	gctgccgctg	cacgaggccg	catactatgg	ccaggtgggc	240
tgcttgaaag	tcctgcagcg	agcgtaccca	agggaccatc	gaccagcgca	ccctgcagga	300
ggaaacaagc	cgtttacttt	ggcaacgtgc	agggggcanc	ttggactgtc	tcctgtcact	360
gtcceaagca	ggggcagagc	cggacatctc	caacaaatcc	cgagagacac	cgctctacaa	420
agcctgtgag	cgcaagaacg	cggaggccgt	gaagattctt	ggtgcagcac	aacgcagaca	480
ccaaccaccg	ctgcaaccgc	ggctggaccg	ctctgcacga	gtctgtgtct	cgcaatgacc	540
tggaggtcat	gcagatcctg	gtgagcggag	gagccaaggt	ggaatccaag	aatgcctacg	600

gcacaccctt	gttcgtggcc	gcccagagt	gacagttgga	ggccttgagg	ttcttagcca	660
agtacggggc	tgacatcaac	acgcaggcca	gcgacaacgc	gtctgccctc	tacgaggcct	720
gcaagaatga	gcatgaggag	gtggtggagt	ttctgctgtc	acagggtgcc	gacgccaaca	780
agaccaacaa	ggacggcttg	ctcccgtgc	acatgcctc	caagaagggc	aactacagga	840
tcgtgcagat	gctgctgccg	gtgaccagcc	gcacgcgcac	acgccgtagc	ggcgtcagtc	900
cgtgcacct	ggcggccgag	cgcaaccacg	acgaggtgct	ggaggcgctg	ctgagcgcgc	960
gcttcgacgt	gaacacgccg	ctggcgccccg	agcgcgcgcg	cctctacgaa	gaccggcgca	1020
gctccgcgct	gtacttcgcg	gtggtcaaca	acaacgtgta	cgccaccgag	ctgctgctgc	1080
aacacggcgc	cgaccccaac	cgcgacgtca	tcagccctt	gctcgtggcc	atccgccacg	1140
gctgcctgcg	cacaatgcag	ctgctgctgg	accacggcgc	gaacatcgac	gcctatatcg	1200
ccacgcaccc	caccgccttc	cccgcaccca	tcagtctgc	catgaagtgc	ctgtcgctgc	1260
tcaagttcct	catggacctg	ggctgcgacg	gcgagccctg	cttctcatgc	ctctacggca	1320
acggcccgcg	ccgcggggcc	ccgcagccct	ccagcaggtt	caacgacgcg	cccgcggccg	1380
acaaggagcc	cagcgtggtg	cagttctgtg	agttcgtatc	tgccccagag	gtgagccgct	1440
gggcggggcc	catcatcgat	gtcctcctgg	actacgtggg	caacgtgcag	ctctgctcgc	1500
ggctgaagga	acacatcgac	agctttgagg	actgggccgt	catcaaggag	aagaaccact	1560
tgttctggaa	aactcaccac	ttgacttcag	agctttctct	ccaaagacta	agatgaagac	1620
gtggcccaag	gtagggggta	gggggagcct	gggtcttgga	gggctttgtt	aagtattaat	1680
ataataaatg	ttacacatgt	gaaaaaaaaa	aaaaaggggg	ggccgtttta	aagaatcaag	1740
ttttatttcc	gggggctggc	aaggtaaaat	tttttttttg	gggcccccaa	aatcaatttc	1800
cgggcccggg	ttttaacaac	gtcgggaggg	gaaaaccccc	ggggttcccc	atttaattcg	1860
cttgagacaa	aannnnnnnn	ggtggannat	tcag			1894

<210> 5617

<211> 2699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2700)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (452)...(1230)

<223> similar to gi5912212 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5617

gttttctcca	catggaaact	tattggcgct	tgctcacga	gacagaaccg	tgagactctg	60
gattcctgat	aagagaggaa	aattctcaga	atttaaagct	catacagctc	cagttcgaag	120
tggagacttt	tcacctgatg	gccagtttct	agctacagct	tctgaagaca	aatccataat	180
agtatggagc	atgtatcgcc	agcgcttctt	gtattccttg	gatcgacata	cacactgggt	240
acgctgtgcc	caatttncac	ccgatggaag	actaattgtg	tcatgtagtg	aggataaaac	300
tattaaaatt	tgggatacca	caaataagca	atgtgttaat	aacttctcag	attccgttgg	360
atttgcaaat	tttgtggact	ttaaccctag	tggtacatgc	atagcttcag	caggttctga	420
tcaaactgtg	aaagtctggg	atgtaagagt	gaacaaatta	ctacagcatt	accaagttca	480
cagcggtgga	gttaattgca	tatcattcca	tccttcgggt	aactatctca	tcacagcttc	540
ttcagatggt	acccttaaga	ttctggacct	cttaaaagga	aggctcatct	atacacttca	600

aggacatacg	ggacctgtct	ttactgtttc	attttcaaaa	ggtggagagc	tatttgcac	660
aggaggtgca	gacacacagg	tottattatg	gaggactaac	ttgatgaat	tgcattgtaa	720
aggtcttacc	aaaagaaatc	tcaaaagatt	acattttgat	tcaccaccac	atcttcttga	780
tatctaccca	agaacaccac	atccccatga	ggaaaaagtt	gagactgtag	aagatttttt	840
tcttcatctt	ttgagattaa	tccaaagctt	gaggtaatcg	atttgcagat	ctctactccc	900
cctgttatgg	atataccttc	ttttgattct	accacaacaa	cagaaaccag	tggtaggact	960
ctgccagaca	aggggtgaaga	ggcctgtgga	tatttcttga	acccttcctt	aatgtcacca	1020
gaatgtttgc	caacaaccac	gaaaaagaaa	acagaagaca	tgagtgcact	cccctgtgaa	1080
agtcaaagga	gcatacctct	cgctgtgact	gatgctttag	agcatattat	ggaacaactc	1140
aatgttttga	cacagactgt	ttcaatcttg	gagcagcgac	tgactttgac	agaggataag	1200
ctgaaagact	gccttgaaaa	tcagcaaaag	cttttcagtg	ctgtccaaca	gaaaagctga	1260
ataaaaaatt	catttttcatt	tggtgggcag	aggcccaata	aatgaacaaa	tgtacataca	1320
ctcaggaagg	tagtacaaga	tactccatac	aacacaacca	tgtgctattt	atcatggcat	1380
ttcttaaaag	ggtgagcaac	agaacaaaag	gcagaaaagg	catacctaag	gactaattta	1440
aacacatatc	aatgtgaagg	actaatttaa	attactatca	tttatgattg	cagtaataaa	1500
gtgataagca	ttcaagcaac	tctgtatttt	ccccatatta	ttttaaatgt	ccattttcat	1560
ttataggcca	aatcctgcc	ggaaagtaac	cagatctctg	gatttcactg	ttaagtcatt	1620
tcagattgac	catattcaga	cagtcatggg	gtgaaataat	tcacttacct	ccaaaatagc	1680
atcctatatg	ccaataatga	gttattgatc	tgactagtgt	tatgtctttc	tgttcaaaaat	1740
agaaattatc	ctttcttact	aatgccttga	aagaatgaac	aaataaaaaat	tcccagacca	1800
cagaatttcc	acagcaagaa	tacacttatt	ttaattaaca	atagcacaga	tatagcatag	1860
ggcagtgggt	tttttagtta	atztatggcg	tactttgttt	atccattggc	caacctgaag	1920
gaaatgaaac	tcacctatct	ttctatcaca	gatgaatgtg	ctagatgaat	gatttgggtt	1980
gtatctgatc	atggttcaca	aaaattatgt	tagtgtgttt	tcagtatgct	aaaaagtcag	2040
agtgatcaaa	aagtgatatt	taaaaatata	cacacatgta	tgtacacatg	cttcagaaat	2100
attgttgctt	agggtgattt	gggcagctaa	atagtaagta	ctttttaaaa	tttttgcac	2160
atcatcttcc	tatttaatga	attgtgattt	aaaacaaaat	gaaaataagc	cagggtattct	2220
aaaagatcct	ggatacaaat	taagaatttt	gctttatttt	aaaccaaatt	gagattaaat	2280
tgaagaaaag	caagcaaatt	aatttcagct	tgattatcaa	cctgtatcaa	gaacaaaaat	2340
gggaggagg	gtccacattt	atgggtgtgta	taggtaacat	ggggaaaatg	ctattctgtg	2400
ttttggaaaa	gaagaaatag	tgccgtccta	tttattttcta	tatttagaaa	tttttctcaa	2460
agaaatttca	attgtatcta	tgagatgggt	ttctaagtat	cttattgtgt	gttataagtg	2520
ccttttaata	tcatactaag	tgtgagcttc	tggacatttt	caagagctta	caaaaactaa	2580
gtggcattgt	atttttataa	ccccattgag	aagactaagt	aagaaatgaa	atgtcctatc	2640
aattttattt	tgtcatgctt	caaacaataa	agacatttct	gctttaaaag	aaaaaaaaaa	2699

<210> 5618

<211> 1607

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1309)...(472)

<223> similar to gill150426 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5618

ttaaagaaaa	tactttatta	tgtcatgaaa	aaaaaggcct	caaccaacta	gattcatact	60
tgatttgaaa	aaaaaatgga	aaatttatta	attagacagt	atgtgggcat	cctgttccac	120

atgggaatga	gaagatgcta	taggttctct	aagtattgca	cagtctgaaa	aaataacaaa	180
aaaagggag	gggaggaaaa	aaaaaatcac	atgatattgg	gaaccatctc	acattatgaa	240
taatctacca	agaaacattt	aaaaaagaaa	accctttggt	tctacagtag	ctttaagttt	300
atagttcttg	gaatgactgt	attccattga	agacatctca	gtaacaggaa	gctgttttag	360
caatcccatg	tgcaaatatt	aataaaaaat	atataaaata	atgcaattca	tctcttgctt	420
tcaccccggc	aatcatgaca	tttctgagaa	ctgttttgct	tgaaaatggg	ttaagctgta	480
agttttgcct	gaagctccat	ctctgcagcc	cgtttgagtg	caacatccac	tagaagctga	540
aatccactga	agtcttggtt	gaggtccggt	ggagtagggg	gaggagtgtt	gaaaagacca	600
ctctgtgtat	tcgactttgg	tccagatcta	caagtgtccc	tctgggtaac	atgaaaagag	660
gtgtcctgtg	aaagtttttg	gcccgcctat	ctgcctgtaa	tatctgtgtt	ttgtccccac	720
accgaccgac	tggcagagag	agaaagggac	aatctttcaa	tggcagtcac	agtggtatgg	780
cagatcactg	atggacgagc	caaaactgat	ccccagggat	gaccggctta	ggagacagtg	840
gccctcccta	gggttgggtt	ttggccccag	ctgtacagga	atgaaatggg	gtctcctcta	900
gagctggcat	gaagtttttg	atgcccatca	cggactccac	agagctcggt	tcagaaatct	960
tggccccacg	gcgggaaatt	gtgaactgat	ttggatcttt	gccatccttt	ctcagcatgt	1020
cagggaggag	cctgcggcgg	gcgttgatga	accagttaca	gacctgtagc	gtagacaggt	1080
gtgtttgctg	ggacagcaac	gctttttctt	gctctgaagg	ataggcattg	taacggtgct	1140
catacagcca	atcccgaaga	atctgcacag	actccttggg	taggttgccc	cttctccttc	1200
tcttgcttga	gccagcggat	gaagaaagg	ccaaggggat	gtccatgctg	tcctcatcct	1260
cagtctcact	gccagatgct	gcaacaatac	ctttcttgcc	tttcattctg	gatctcccct	1320
cccagcgcga	ggcaaggcgg	gggtctggag	gggccaggag	cggggacaca	ggggataagc	1380
gaacgtctcc	ttcacagccg	actctcccgt	aacttgtagg	acgtgtccca	gccgttattg	1440
ctaaacagga	cgctctgatc	ccaggcgccc	gctccttggg	tggaattcaa	gtgacacttg	1500
ggcttccctc	cgccgggatc	ttctggcagc	cggccggggg	ctctccctcg	cccaactctc	1560
tcccctcccc	tctccgctcc	ttgttccct	gctcctgctc	ggcgcac		1607

<210> 5619

<211> 1529

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1519)...(728)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5619

ctgtattgtg	caaatccact	gaatatgttt	gttagttcca	gtactatttt	ggttgagtct	60
gtgattttct	acacagaagg	tcatgtcgtc	tacaaacaaa	tgtaatttta	cttctttctt	120
tctgatttgg	atgagtttga	tttcttttgc	tatttaattg	ctctggctag	gacaggcagt	180
attgattgaa	tagaaggggt	gagagcattc	ttgcatcatg	tgagatcgta	caggaaagca	240
ttccattttc	cctgcttggg	tatttactca	tttgtcattt	catggatgtt	ctttctattg	300
ttgaggtaaa	tttcttttcc	tattttgttt	aggattttcta	tgatgactgg	attttgattt	360
ttgtggaacg	ctttttctcc	atctactaag	gtgatgtggg	tttaatcttt	cattctgttc	420
tagtggtata	taacattgat	ttgcttgaat	atgttgaacc	atccttgcac	cccagaaata	480
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<210> 5620

<211> 4494

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4482)...(3139)

<223> similar to gi4240263 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5620

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<210> 5621
 <211> 1719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (412)...(286)
 <223> similar to gi3249110 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 5622
 <211> 5769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (344)...(2898)

<223> similar to gi5689541 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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ttttgaaaat	gtacagatca	agtccaatat	tttgattatc	cacctgcatg	ttttattaaa	4800
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cacaaacatg	tacaatatgg	tcattcataa	ccgattttta	tagaatactt	tttacatgtg	4920
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acccatttat	acatatttct	tagtgaggct	cattgtacat	gtattgaagc	tagaatcgag	5040
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gtcaccagca	cagaataatc	tccaacattt	tctaaattct	aattgccaac	tgttttctatt	5160
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catttaaagt	atttatttcta	aaatgcctct	gagaaacagt	aaaaaataaa	aacaacaagt	5700
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aaaaaaaaa						5769

<210> 5623
 <211> 2478
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2479)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1900)...(889)
 <223> similar to gi5262615 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5623

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ttaggaaatg	tgggtttgcg	caatcaccag	gccaagcctg	ggggtcctcg	gggaagctac	180
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tcagagcaac	aggcagaagt	gactgtgccg	cccgtagggt	gtcatccacc	ggtggctact	420
gtgtcattct	ggaaaaacta	tgatgccatg	agactctgag	aaaccgaatc	actgcagaga	480
caaactcata	aaaattaaaa	ccaatccata	aaattgtatc	tagaaactct	gtccctgggtg	540
ccaataagca	gcaaagtcaa	caaagagtaa	aaactaaaac	ttcaacacat	tattaaaaag	600
caaaactgga	ctcaactaca	atcacttctg	gttagtccac	tagtgaaccc	aaaagtgact	660
taaaagtaaa	aatcattatt	agcaagagat	taagaacata	acttcattga	gagggtcaatg	720
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cgggcgggtt	ccgaacgg					2478

<210> 5624
 <211> 4287
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (191)...(3290)
 <223> similar to gi3882213 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5624

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ctgtctttga	aggaaacggt	cgcaacgttt	cctgaaagtc	ctcgggtgaa	gtattttatg	180
cctcctcagc	ccttgtgttg	tccaatttgg	gaagccagtt	gtttccatcc	tgagttccag	240
aagtaggcat	tccccgtgta	caaaaaaagg	gtgggaagga	atgaggaaac	atcttcacac	300
caggcagga	cacaaatagg	tacatgtgga	aatttccaag	gcattatggg	tttacagaga	360
tgattatttc	atcagacatt	ccatctctgt	atctgcagtg	atagtacgcg	cctggattac	420
tcacaaatac	aggggcagag	actggaatgt	taaatgggag	gaaaacttgc	tccatgctgt	480
agcaaagaat	tataccctcc	tcagacccat	cccgctttt	gaacgccctt	tcaaagatca	540
tcaagtgtgc	cttgagtggg	acatgggtta	tatttgggaa	cttcgggcaa	acaggattcc	600
acagtgtcct	ctggaaaatg	atgtgggtgc	cctgcttggc	tttccttatg	cctccagtgg	660
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<210> 5625

<211> 4593

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (89)...(4021)

<223> similar to gi559703 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5625

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gccgccgagg	acgcagaatg	tggctcagct	gcccctggtc	ccatcccagg	gcagagctcc	180
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tagttctaag	tcattgttcc	catccctttt	ttgtgtgttt	cagaaaaatag	tgaacttgat	4500
tcccttgctt	ccactaaatc	cagttgtgac	aaaatctaac	gtgacatcag	atcgaaaggt	4560
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<210> 5626

<211> 1635

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (465)...(229)

<223> similar to gil296427 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5626

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gaaatgtgac	tgtcagaaaa	tttaaagtaa	catatgtggc	tcacactatt	tctgtgggac	180
agccctgcct	ctagctaggg	gctttggtga	gaaccagatg	agttgatggg	tctcctctgg	240
gccctgcttc	cctggctgct	gaggtgcagg	aactgtgagg	ggagggcagc	ctgtcacggg	300
gccaacaca	gggcagggct	ggacaggtac	aagtggaaac	ggcggataag	ctgggaaggg	360
cacagagaaa	aggagctcct	cgtgacagca	ctttccacc	ttttattatt	caacacatgg	420
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gggcagggcc	gcagtgtcct	tagactagac	cgccctcag	atgaccaggt	tgctctcact	1560
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tgtacggctt	ccgcc					1635

<210> 5627

<211> 4368

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4369)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3700)...(1904)

<223> similar to gi3882187 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5627

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ataaaaacaag	taaaaactga	tttatcaatc	ttcacataga	actgcagatg	aagctgaaaa	180
acaaggccta	ttttaaaaat	aaattggatc	aaacgtaagg	gctttgggct	tatggtttaa	240
ttacctagga	ttgtcatatt	tcttcccata	tacaaaatgc	aaagcctgaa	agttagggct	300
ctgacattca	tagagatcaa	ctgtaataat	cccatttaaa	acacagccac	ttgcaaacat	360
ttacagtggg	tggtagtcta	tattatcttc	catcctttgc	tctatttcag	cacttccctt	420
agccccattc	taagcactca	tataattttc	taattctgtc	tttttaaag	catactgttc	480
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tatcatcaaa	ataaagagat	gcttgagggt	gcttcagtgt	tcaagtttgc	ttgttttttt	600
ttccagcttt	tcttcagttg	tcctaaatat	ggctagcctt	gttttataaa	tacacatgat	660
actgtcacca	agtcaggatt	agaaatggac	tgccccaaca	gtaaagcatt	taaacttctc	720
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ctcatctctt	ctgtccaagc	attttctgta	aaagaaagaa	aaacggacgc	gtggntcnnc	4320
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<210> 5628

<211> 2410

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (373)...(2244)

<223> similar to gi3560144 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5628

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tttcttgcat	accgaacaga	aatgctgtct	gagagcaaga	atatattgga	tgaactgaaa	300
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<210> 5629
 <211> 2102
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1760)...(663)
 <223> similar to gi4406590 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ggagcgtgat ggaccaatgc gagggcctga gcccgagggt gccgacagta aaccggttat      180
tactgtgtgg acacagacac cgtgggtgcat gacagacagt ttcaacacca tgagcgctgg      240
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<210> 5630
 <211> 4790
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4607)...(903)
 <223> similar to gi5912263 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5630

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<210> 5631

<211> 4079

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (248)...(3126)

<223> similar to gi6002669 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5631

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<210> 5632

<211> 2276

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (116)...(15)

<223> similar to gi5080758 in the genepept database release 114,
Run with FASTXY.3.3t00, default parameters

<400> 5632

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ctccatttca	ccatatacta	actgaaaccc	tatatatttc	ttgtgtgttc	ttttctatct	2220
gtaaatactg	taattgtatt	acatgactaa	attatattaa	tactataatt	ccccgg	2276

<210> 5633

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (292)...(12)

<223> similar to gi809078 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5633

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ttcccttact	aatatcatct	tgttttatta	ttattacaga	aagtggggta	ttgaaatatc	240
ctactataat	tatattgctc	tattcaactt	tgtagtatt	tgctttatat	atttgaaacc	300
ccaatttgag	acacacacac	gcacaaatac	acacatggat	aaacaaattt	gtcataggtt	360
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acattttata	aaatatgaca	gcttttgact	ttaacaatgt	agcttgtgta	atattatttt	480
gacctcttct	gctctcattt	tgtagtatt	tacatgaaat	ttctacttgg	tcttgccact	540
ttcagtcttt	tcttatcatt	agatctcagc	tgactcttgt	aaaaaggcaa	gttgagtctt	600
gattttttaa	attttttaat	gagccttttt	agaagtatgt	ctcttgattg	gaaagataat	660
tatattttaa	tagttttctg	aaagagaaaa	acttactgtt	aataaaataa	ttgtttcgct	720
tcttgatctc	ccgtgtctta	atttctcctt	tataagtttt	ttttataaat	gtgttgacat	780
gctttgagct	ttttt					795

<210> 5634

<211> 4570

<212> DNA

<213> Homo sapiens


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<220>
<221> misc_feature
<222> (1)...(4571)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4545)...(329)
<223> similar to gi36110 in the genepept database release 114,
      Run with FASTXY.3.3t00, default parameters

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```

<400> 5634
tttttttttt ttgtacaaat ttgtgcttta atagtcattt gttcctttat tggttcaagg      60
gtcagtgttg gtgtgggtcac tgctgagtc cctgtgcccc gaagacaggg tccacagcag      120
gcactccata aatacatgtt gcaggactgc cctcactggc tcaactctgtg gaggtagggg      180
cctaattgggc cccattttacc tattgcctct gaaagttaaa gggcaggaac aaggtagggg      240
gccactgccc ctctggcctgg catggcccag aggcagcttg gggtagctc aaggcagcta      300
agcagggtcca gcccagaag taagtcaagt gggccgagga ggctctgaga gtggccgggg      360
cccngcgtac aattccctgg catgggggtga gaacgggggc tgttctggac gcacattcca      420
tctcatgcga gctgctgggg cccaagttcc atgtagggtt gctggcagct gcacataatg      480
gggtcccaag gaagtgagga cactatctgc tccacctccc cccactagta cttctgaagg      540
tggttcgcac ttgtgggtc tgctcccgag cattgctgca tcaacttggtg cagagaatca      600
aggcaatact caggctgggg caggcgccga ccctggggcc cagaaagtgg gtaagggtcaa      660
aagggtcaat gtggcggtat ggtggggcac ccctgtgcag cagttccac agcagcacac      720
caaatgacca cacatcagac ttggtggtaa atctataggt ctgcaggctc tccagcgcca      780
tccacttcac aggtaggcga gcgtggcgat gctgttgaa actatagtac tccctgtcca      840
ggatgtcgcg ggccaaacca aagtcagcca ccttgactgt gaatgactcg tccagcatgc      900
agttccgcgc agccagggtcc ctgtgcacaa acttctgctc tgccagggtac tccatgccgc      960
gggtacactg caggccaaag ctgatgaggt ccttcacggg ggggttccgc tgagggtgagc     1020
ggatgaactg gagcagggtc ccgtggcaca tatagggcag cagcacatgg ggcaggccct     1080
cagggtggaa catgatacca atgagagcca gcacattcgg gtggttcagg ccacgcagta     1140
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gcccaggtac agaataggca ggggtgtggc tccagcagtc tgggtccagg atgccaggtc     1560
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agtcgccagt gcagccacaa gcagcagcaa aggcagcagg ataccaagga gcgtgctctg     1680
tggtacccca tctggccctg gccgcaccac tctaccagg atatgacatt caccatctac     1740
gcagacctgc aatggggcac catcctggcc aagctgcagg gatgggggca gggggcagac     1800
aaecatgtcc ccccggaact cgtgctggca gctctacca cccacggtca cgttgatacc     1860
cacacagtca gccacagcgc ccagcccaat atactcaaac ttaatggcat gctcctcagg     1920
cttcagtgga actaggttgg cactgggtgg atgggggtgg ggtaggaagc gaaagccagg     1980
cagtgtaaag ccagcagctc catccctcg ggcactcaga ttccctgcca cccatccctg     2040
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acacctgctt tccactgccc taagcccgtc atggaatgac agcactaagt gccatgctga     2160
agttagatgc tggccacaga tgggtgatgt ggagttgatg tagccacagt tggggctgat     2220
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ccccacctgc aggttaaggg ggacactggc caccgtggcc ccaggggggtg tggcacataa     2340
aagctgcccc tcaactgacc gtgctagcag aactcagtc ccattgacca gcacagcccg     2400
gctggtgcct acagacagac tctggccttc aagagtgcga cagggtgcctc ctgcccgtgg     2460

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gccaaagagg	ggttgactg	ctatcagcac	tggctccatg	aaagagaagc	ctctcagcac	2520
ggaggtgccg	tctacccgga	agtgttgcc	cgggtggcatg	ttagtcacgg	tgaggctgac	2580
ggttgtaggc	cccactgcct	gggtgcccga	gggtccaggt	tcacactcaa	actcctctac	2640
aaagtctttc	cggggcactg	gtctgagttt	tgagctgtcc	ttgggcagtg	gccggcaggg	2700
actttggccc	acagtgcact	gatgggttcc	ctcaggcacc	agaccagaag	ggtgaaggta	2760
gaagttggag	ccacacaggg	tcagccttgt	actgcccctt	agaggtccac	tgtgggggtg	2820
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ctggccgcac	atgttcccac	accagccaca	gccccatgaa	tgccatgccc	ttaggcaacg	2940
cccacaggtc	aggaagtggc	ggcagccagg	gcctcggata	ggtacctgga	aaacctggtc	3000
cccagaggca	aagagtaggt	ggtccccaag	acgactgaca	tcccgtctga	cgggctgccc	3060
actgtcaccc	agtgagaagt	tggacacata	cagcaagtag	tttagtgacc	tgaccagctc	3120
cacctgcagg	atagccccat	ccattgtgcc	catgtgtgcc	actgtgacgt	tgtcaaggcg	3180
tgtcacatac	aatgcagtga	cctgtactgg	tcccaacagc	ccattgaata	ggtccacacg	3240
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gaggcctgga	tggactgggg	attcacaaca	gcgtccaca	ccctcatcaa	ttagtgtgtc	3420
cagcaggtca	atggggaagg	cacagacgac	agagttgggg	cccacgccag	gaccaccatc	3480
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gtggaagctg	tgcacgtatt	caatactgta	ggagacaaga	tgcttgggca	gcactgacaa	3840
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ggcctggcct	tgctcaacca	cagttacacg	ggtgcccaat	gggctggcca	cacagtcggg	4020
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caggcctccg	gcggagaagc	tgggcaccac	gtacttcacg	tcaaagtcgc	gagaggccgc	4440
gtaggggggtg	cgcgggcact	gccagtcctc	gcccgcgcgc	ggcttggcag	gcaacagcag	4500
cagcaacagg	aaggactgag	gcagcggcgg	gaggagctcc	atcgaggcga	gctgggaccc	4560
tagaggatcc						4570

<210> 5635

<211> 1949

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1813)...(335).

<223> similar to gi4309889 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5635

tttttttttt ttaaaaaactt ttaacaattt attagtctta ttttccagta aaatattcac

60

agagatgtca	aaagaatgag	atgggtgagcg	atatagccaa	ctaccttta	ttaattccac	120
ataaatagtt	aagatctaaa	aacctcagat	gagcagaccg	agtcgaaatg	tgattcttca	180
aagcaagtat	tgctttaccc	tgtgtcctgg	aatgcagtcc	gtcgatatga	ccactaactt	240
gcatgtgacc	aaatgtttgg	agagtgtttt	ttaggatatg	gctctcgggt	gaggccggtc	300
atcccgtcaa	tccaaggaag	gaaggatgtt	gttggaaactg	cggttggcac	caaggtttct	360
tggacctctt	tcatcttact	tccaatcagg	gtttggcatt	ttttttggat	ttcaaaatta	420
acataggggc	tcccggccgg	atcagacttc	ctttccaaca	accccagtaa	tcactcaagg	480
cccttcaaca	atgatctccc	tcatcttcca	cccactctgg	ggtaaagggtc	actgttggat	540
ggtcaccgag	gaatcttcat	ttaaatccgg	gtgcacggaa	gtgagcggac	acgctggggc	600
gttttctca	tgtgaactgt	gctcttctcg	gcgagattca	tgtggttgaa	gtagataaac	660
ttaaactggg	gttcctttcc	tcagaccccc	gaacatcccc	cttggtgatg	ttaaaactgt	720
tccacaagat	gtccagaggc	ccagccactg	tgaagctggg	gccccaacga	tgctgtccca	780
gtccttcggc	aaaaaaccga	acgttgggtg	gacagaggcg	tcgatcataa	agcacacagc	840
cgcactcatg	gccttataaa	cggattaaat	ggagctcttc	ataagtgtca	tctgtattta	900
caaaaatttt	ggggaatctg	cattttgcat	ctggatcatt	gaggttcaag	ggtcgggtaa	960
gaaatcttcc	atagtgttga	agatttctctg	gcatttctgc	tcttattgga	gaatcccttc	1020
ctgctaactc	aggttcggat	gtgccttggg	aaaagggagg	tggttaaggta	tttgtataaa	1080
attctcatgt	catcttggtc	taatccactc	cagatgagct	gatcgttata	gagaaaagca	1140
gtgtatttga	ctatatccag	gctttcctcc	attcgtatta	ataaaggact	ggattttcaa	1200
ataagtcatt	ttatccaacg	ggaagaagct	gattccacca	aaaatgtcaa	gtaggtcaca	1260
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aagcttgacg	cctccgtctt	ccatggcttt	caggaaatgt	accattaaaa	agcttgatca	1380
tgctgtagca	ctgccgcagc	accgagctat	aaaccttgtc	caacaactcc	tcctcttgga	1440
tattcaataa	ctggttttcc	atctttactc	tgtttttcaa	ttataggaca	ccgaacaacc	1500
atgaccatcc	aagaaatttt	cttctgggtc	aattgaagaa	ctgtctgttc	ttctgtgtat	1560
gtaaagattt	tgcaggtttt	gatgggctaa	atgtccttgt	aaactgtaca	atagcttcac	1620
acaatccgac	atttctaata	ttctcattct	tttctacctc	atttggatga	taaaataaaa	1680
tcttattttc	ctcctgtcct	tcgcgcggcc	cgaagcgcgg	gttgtagatg	aagaaactca	1740
gcagcgcggg	cgggaactgc	ttctcctggg	ccgcccaggg	cccgtctccg	gccccggccg	1800
tcgctgcgct	gcagccatcc	tggcccggcc	cccacctcag	gaagcctccc	acggcccggc	1860
cagagaccga	gaaaatctct	taatttcagt	ggaactcagt	ttgtttctct	ttttaaacat	1920
tgccagttat	aaatgtattt	tatttttaa				1949

<210> 5636

<211> 947

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (290)...(191)

<223> similar to gi2276308 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5636

attctatccc	ggtccacagt	ttaggaacca	tggacaaaag	tccaaggacc	agaggcatgg	60
agttttcatt	agaaggttct	gaattcatct	aatggctggg	tatttttaca	gatgccaagt	120
ttacaaaaca	tacaagtgca	cagacaggtg	tgggaggtag	ctcgaaatat	acagagtgtt	180
cgcaacacta	gagacgtctt	ctggctgcc	tcaggggact	cggaggtagg	gtaggcttgg	240
tgaggcccgt	ggcttgtgtc	cgtggcacag	cctcctgcaa	aggggctgcc	ctgctcccct	300

gttcccatgg	tgccaggccg	tgctccccag	gtgcctccgg	ggtgctgaag	atcttttcat	360
agtactcgat	cagcagttca	gtgaacatgt	tcaggggcac	aagggcactc	agggaggaga	420
ccccctggga	tggccagatc	aaattcagcc	cgaagacaca	ggccaggtta	gagctgttca	480
ttttgttgaa	gatgctctcc	cgggacaccg	catgcaggaa	gcccagagg	tagcggagga	540
cgacgtagtt	gtgctctggg	aggctccgta	agatctggcg	gcagccagt	acacgcaggc	600
tgctctccac	acctggaagg	gcatggggct	ccctgctgag	ctccagaggg	gccaggggca	660
gcgaggtgat	cccgagaatc	tgctcgtagg	cctggaaggt	cagaagcggc	tggggcagct	720
ctcgaggaa	ggtcttcagg	atcacggcag	ggatgtgaat	gtccccgtag	tcgtcaaagt	780
tcacgggctt	cccttggttg	tagagcctct	ggatctcgcg	gacggtctgc	acgtggcg	840
atctccggaa	caggccctcg	gtgcgcaggc	ctttctctct	caggtacgtc	actgtgaacc	900
tcagcacagg	ggggatgagt	tcgccttgat	ttttgtcttt	gaggtat		947

<210> 5637

<211> 1749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1713)...(331)

<223> similar to gi38262 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5637

caattttctga	atagcaactg	gaatattcaa	ccaacaatgg	tcattggctcag	ttttgtattt	60
tttccttaac	ttatatactt	cattctttcc	aactatttta	aagctaaatc	ttttttaaaa	120
aagttttaaa	aataagtcac	aggcaaata	tgaagagttg	ggtttatttc	aacagtaaat	180
ctgaaactct	tgccttaagc	aagagtacta	cagtaattat	atcaggaata	gacaatttcc	240
tacactgtca	aatatataaa	agttcctttt	gcactttctt	caacactgat	caacaagcag	300
attcagtcga	catttgcttt	gatctaacta	ctgagttaac	ccaagcttct	tcttcagaga	360
ctctggcatc	tcgggtggag	gagggcgagg	aagtctgaag	tagaccttca	cggagtcata	420
gataaaccac	tgtagtgcag	tcaggggtacc	aatcatgatg	atacgggcaa	acagtcctct	480
ccatacacct	ttaaatccaa	gtctcttgag	gaccagagaa	gcactgctac	ctttttcttt	540
attcaacaca	gataccacag	aatcagcagg	gtgagaaaca	attgcacaaa	agactccagc	600
tatgtaacct	gctacaaatg	ttacaaccag	ctgctctggc	tttgaacatt	cactgcgggg	660
cttaggaacc	acaaacttgt	acagtgttc	aacagtacgt	tcaaagcagg	cgaacttcat	720
catgggtgat	ggtatctgtc	tcattccagag	aggagcaacc	cccttgtaga	atgcttttag	780
gccttcttcc	ttatacattt	tgggagctgc	atccctcaaa	gtgttggcat	aacctggctg	840
ggtttgaatt	cgaaccttag	cagcttccat	aggagccagg	gcaatgtcag	caaagaattc	900
agcactggca	gaggcagcca	aatatagtga	tgtgcgccag	agataagtat	tctcctctcc	960
aagcatattg	cctatacaag	cctttaaaga	cttcataaaa	gccaaacttg	cagagtcctt	1020
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ccccaccaa	gccacacagt	gcataatact	tcgcggagcc	aaattcacia	ctgtactctg	1260
tagtaagaga	agacacacca	tgcattttta	tataaaactc	atgttactgg	tcataaactt	1320
acctcctgga	cagttagggt	tccacacagc	ttgttagatg	actatatctt	ataacttaac	1380
agtcagtcac	gcttcaatat	gctctagtcc	agcatgcaaa	acaaacctgc	attctgcatt	1440
taaccagatc	tagaggaacc	aatgctgtat	gtgttggtgc	acagctaata	attcctccaa	1500
gtccacaaag	gataaagaat	ctgccagatc	catagtcaca	gctatactgc	tcttccacgg	1560

cggcggctgc	caggttgcca	gggcggcggg	gctggcccgt	gggccctggg	gagctgctgc	1620
ggaggtcccc	gagaccatcg	tgcaccagct	gcagatgtgg	cgtgttgaag	gggttcgccc	1680
gcgccaggtg	cgccacggac	gagaacatct	tttccttaag	atggcgatca	cacaaccact	1740
cccttgga						1749

<210> 5638

<211> 1600

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1582)...(1283)

<223> similar to gil419759 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5638

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acggacccta	cctctttag	tgattctcgg	ggccacgggc	accggcaa	ccacgtggc	120
gttgacgcta	ggccagcggc	tcggcgggtg	gatcgtcagc	gctgactcca	tgcaggtcta	180
tgaaggccta	gacatcatca	ccaacaaggt	ttctgcccaa	gagcagagaa	tctgccggca	240
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tagagcaact	gctctgattg	aagatatatt	tgcccagagc	aaaattccta	ttgttgtggg	360
aggaaccaat	tattacattg	aatctctgct	ctggaaagtt	cttgtcaata	ccaagcccca	420
ggagatgggc	actgagaaa	tgattgaccg	aaaagtggag	cttgaaaagg	aggatggtct	480
tgtacttcac	aaacgcctaa	gccaggtgga	cccagaaatg	gctgccaagc	tgcattccaca	540
tgacaaacgc	aaagtggcca	ggagcttgca	agtttttgaa	gaaacaggaa	tctctcatag	600
tgaatttctc	catcgtcaac	atacgaaga	agggtggtgg	ccccttggag	gtcctctgaa	660
gttctctaac	ccttgcatcc	tttggttcca	tgctgaccag	ttctagatga	gcgcttggat	720
aagagggtgg	atgacatgct	tgctgctggg	ctcttggagg	aactaagaga	ttttcacaga	780
cgctataatc	agaagaatgt	ttcggaatat	agccaggact	atcaacatgg	tatcttccaa	840
tcaattggct	tcaaggaatt	tcacgagtac	ctgatcactg	agggaaaatg	cacactggag	900
actagtaacc	agcttctaaa	gaaaggtatt	gaggctctga	aacaagtaac	taagagatat	960
gcccggaaac	aaaaccgatg	ggttaaaaac	cgttttttga	gcagacctgg	tcccattgtc	1020
ccccctgtct	atggcttaga	ggtatctgat	gtctcgaagt	gggaagagtc	tgttcttgaa	1080
cctgctcttg	aaatcgtgca	aagtttcac	caggggccaca	agcctacagc	cactccaata	1140
aagatgccat	acaatgaagc	tgagaacaag	agaagttatc	acctgtgtga	cctctgtgat	1200
cgaatcatca	ttggggatcg	cgaatgggca	gcgcacataa	aatccaaatc	ccacttgaac	1260
caactgaaga	aaagaagaag	attggactca	gatgctgtca	acaccataga	aagtcagagt	1320
gtttccccag	accataacaa	agaacctaaa	gagaagggat	ccccagggca	gaatgatcaa	1380
gagctgaaat	gcagcgttta	agagacatgt	ccagtggcct	ttggaaaggt	ggtggggatc	1440
cagttcagga	gggaggggta	tgtttgtctc	ccagtctggg	caaaggagtg	ctatgaggaa	1500
ttctctgcat	agcagaaaag	ctcccaccat	tttcttttga	tgtggtttta	aagtctcacg	1560
ttctctataa	tagaaacagc	aggtcttgct	agctccttgc			1600

<210> 5639

<211> 4405
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(4406)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (4312)...(2392)
 <223> similar to gi30866 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5639

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<211> 7027

<212> DNA

<213> Homo sapiens

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<222> (70)...(2426)

<223> similar to gi4688902 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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 <222> (1)...(3845)
 <223> n = a,t,c or g

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 <222> (893)...(3611)
 <223> similar to gi3413882 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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aattcaatcc	tccctcccat	tgcacttatc	taccttcccc	aagttggttg	tattaaaaaa	3840
aaaa						3844

<210> 5642

<211> 390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (312)...(2)

<223> similar to gi4379237 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5642

tcataatac agtgaaacag cgtaatatcc tatagaccat ccaggtgatg aaggccatt

60

aggcctacat	tgtgacagag	aagagagggg	taacatcagt	ctgggccaga	cagtgaactt	120
ataatgttat	ctcttccaag	tgaatgcaaa	cctgtgtctga	gcctcctctc	tgatggggat	180
tggaaagaat	gcctttctcc	caggccagt	accacatata	agttccagag	gccctgctgt	240
cctgttgtac	taaggatacc	acgtctagca	cagcacctgg	actatgggtt	acagcttggt	300
tāagtttatg	taaccacta	ccattcacca	taatccatct	ggcttctact	ggggccatat	360
tggtgaatta	aagtctctga	aagtagaact				390

<210> 5643
 <211> 2152
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2153)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1405)...(912)
 <223> similar to gi3874447 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	5643					
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aaaaggcagg	caatgcagag	acaccgtggc	ccaagcagag	ggggtgcaag	gcaggcacag	180
agcagggggc	ctgatggcgg	attggggagg	tggagaaccg	gtcagccctg	cctagacctt	240
gggactgggt	acaccacaaa	ctttgaaggg	ctgccctccc	ccaccaggaa	tggcacttgc	300
cgggggcacc	cttgtgggga	ggggccagct	cctccacctg	ccctgagccg	ggtccagctt	360
tcacaaaggc	ccctccaccc	aggacttccc	aacctatgcag	actcccgggtg	gagggcagga	420
agctggggtc	tggggcccag	cggggacgtg	gaggtggggc	ctatgagggg	gcagatgaag	480
ttgttggtgg	ccctgggacc	ctgggcaagt	ccctaaggaa	cttccaggat	cccatagaag	540
ccctgagcc	agctaagaag	ggaaggaagc	agaacccaac	gaagcaggac	ggcgctccaa	600
cgaggcctgg	cccctcaaac	ctgctcctgt	cggggaagct	caggagcaga	taggcgaaaa	660
gcagggggac	ccacctgggg	ggagggggca	gcagacagag	cagccaggcg	ggcagcagag	720
cagggacacg	cacacacggc	tcaccaccag	cacccccttt	aataaaacat	gggggggggg	780
tcatgtgaca	ggaagaaggg	ggtgaaatag	gaccatttta	caaccacaga	aaaacctctg	840
taacaatgtc	ctaacgccct	ggcaagaagg	gggcaaccag	ggcaaccaag	cgggctggaa	900
cccagcccta	ttttgtagag	gatatcgtag	tgtcccaggc	cggtagagaa	ggtagacctt	960
tgggctcgga	agccctcagg	gaaagatgtg	cggattgggtg	gttgccgccc	tcgnccgctg	1020
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gatgtggtcg	ctctccttgc	acatgggctc	caccttctctg	cttggcagaa	ctccttgaca	1140
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gtgagcagcc	gcaggtagac	cacaaggtag	tccgaggtgc	tctggtcatt	gaaggaggcc	1260
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accagcccag	acgccagggc	cgagacagca	ctgccccgcc	tggcaaggcc	agagtccagc	1500
ccatcgcccc	ggaaggaggg	agacacccta	ctcgagacac	atcctactcg	cccggggagg	1560

aggtagacac	ccacctgcct	cggtgcccag	tgcccaccct	tctcaccgct	gcaactcctt	1620
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caggccccctc	acatcccagg	gccgcctacg	acatcccga	tggcccgccc	ggacctttgt	1980
gctccgtagc	ccagcgaaac	tcgaggccct	cacggcgcg	gccgccgctg	gagcaggccg	2040
gggggctcgg	ccctggcgta	ggcctctctg	cctgactgca	aggacagggg	cgagagggct	2100
cggggcccct	ggagccagga	gccgaggggt	tgggcagagg	gcggagacga	aa	2152

<210> 5644
 <211> 2044
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2045)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1888)...(617)
 <223> similar to gill150421 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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taaaataatc	tatggactac
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cattttgccc	tcattagctt
cagcatgggtg	tgacttctct
aataatatgc	ttagattaag
120	
caaggaaaag	atgcaaaacc
acttcgggggt	taatcagtga
aatatttttc	ccttcggtgc
180	
ataccagata	cccccggtgt
tgcacgacta	tttttattct
gctaatttat	ggacaagtgt
240	
taaacaggaa	caaggaatta
ttccaacaag	ttatggcaac
atggtgctta	ttttcaaagt
300	
acagtttaat	gtctaggtgc
cagcctttga	tatagctatt
tttgtaagaa	catcctcctg
360	
gactttgggt	tagttaaatc
taaacttatt	taaggattaa
gtaggataac	gtgcattgat
420	
tttgctaaaa	gaatcaaggt
aataattact	taagctgatt
cctgaggggtg	ggtatgactt
480	
ccaagctgga	actccatcct
tgatcgggta	gggatttttt
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540	
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600	
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cttgagcagg	gaagggagtt
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660	
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ttttacagga	ttcctccttt
aatttctgtt	gagtagccgg
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gaagcccgtc	ggatcatcac
gggatacttg	aaatgctcat
780	
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cacaccctat	tttcaaggct
tgcagaaact	gatatgtagt
840	
caaataataat	caggtgctgc
accagttcac	agaggccaac
tccaccagca	tgggggcaaa
900	
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gccatcagca	atactgagag
gttctcattg	acactgccca
960	
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aggaactgca	gggccttcgc
ctgtaggagt	tgcttaata
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tcactctatt	gtggcaactg
ttctccctgg	tgcaaatgcc
caattcccta	aatgggacca
1080	
gtgccttgga	aaatggtggc
gtgccccaaa	aatgtcaatc
aaggggaggt	tggctcctca
1140	
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ggccagcttg	gacatccact
ccaccgcctc	aggcacatcc
1200	
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catcaaagtc	ttttccggtc
caatcatgtc	tcggatgatt
1260	
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ctggagatca	gcacccacct
ttactttaaa	cctgggtccag
1320	

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cgcacgtccc	ggaccgagag	ccgggagatc	ctgcgcgcca	ccatggcccc	tgcccccggt	1980
ggccgcggcc	cccgtgcggt	caggactggt	ggaattacnc	cgcactggac	tagtgttcat	2040
cgag						2044

<210> 5645

<211> 5154

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (296)...(5089)

<223> similar to gi5817151 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5645

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actaattgca	gataattaag	agaatatgcc	ttctgcatcc	tgtgatacac	tactggatga	180
catcgaagat	atcgtgtctc	aggaagcaca	gacaaggttg	tgtttgacag	agaaaggggc	240
tttcttggtg	agataaaata	gtctcttctc	gtatttctct	cctttctcct	tttttagttg	300
ctctgggaaa	ggaattctct	ctggatcatgc	agatggtaac	atcgttagggt	atttctttga	360
tgatgaaggc	tctggagagt	cacaggagaa	gttggttaac	caccctgtgc	caccctatgc	420
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tggaagagaa	ggtcacatgc	tacaaacttt	tgattatagc	cgtgacctc	aggagcggga	540
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cctaggaaaag	gaacgttact	tggtggctca	cacatcagaa	acactgctgc	tgggggacct	960
gaacactaat	cggcttagtg	agatagcctg	gcaaggatct	ggtggcaatg	agaagtattt	1020
ctttgaaaat	gagaatgtat	gcatgatctt	caatgccgga	gagctaacc	tggtggaata	1080
tggaataat	gacaccctgg	gttctgtacg	cactgaattc	atgaacccc	acctcatcag	1140
tgttcgtatt	aatgagaggt	gtcagcgagg	aacagaagat	aataagaaat	tggtctatct	1200
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agatgccata	gacatgtaca	cccaggctgg	tcgttgggaa	caagcccaca	agctggcgat	2700
gaaatgcatg	agaccagaag	atgtgtcagt	gctatacatc	actcaggccc	aggaaatgga	2760
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ctagtggcag	cgagcactgg	tgttcgagcc	ctgccctgcc	ttattacagg	ataccccatt	4920
ctgaggaaca	aaattgaatt	taagcggcca	gggaaggctg	ctaacaagga	caactggaat	4980
aaattcctta	tggccatcaa	gacctccac	agcccagtg	gccaggacgt	gctgaaattc	5040
atcagtcagt	ggtgtggagg	gctccccagc	accagctttt	cctttcagta	gttggtagag	5100
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<210> 5646
 <211> 1690
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1691)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1654)...(764)
 <223> similar to gi563377 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5646	
gttttccaaa	60
ggttccaaat	120
ggttccaaat	180
ggttccaaat	240
ggttccaaat	300
ggttccaaat	360
ggttccaaat	420
ggttccaaat	480
ggttccaaat	540
ggttccaaat	600
ggttccaaat	660
ggttccaaat	720
ggttccaaat	780
ggttccaaat	840
ggttccaaat	900
ggttccaaat	960
ggttccaaat	1020
ggttccaaat	1080
ggttccaaat	1140
ggttccaaat	1200
ggttccaaat	1260
ggttccaaat	1320
ggttccaaat	1380
ggttccaaat	1440
ggttccaaat	1500
ggttccaaat	1560
ggttccaaat	1620


```

gctgttccgg gggcgtctgg ccatggtgga aagaatctgc agcacnccct gcgcntccgc 1680
cgccccggcc                                     1690

```

```

<210> 5647
<211> 2203
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (769)...(1907)
<223> similar to gi5912057 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5647
gacccacgcg ttcgccccacg cgtccgcccc cgtttatgct ctattatatt aactctttct 60
tacctttttt tctgaacttc taggccttct ctttccagaa ctggtggaag acaaatgaaa 120
cggccaagat ggtaagaaac aagccgcatt tctccttggg gagactgata atttaaaagg 180
tttgttgtgt caaaaacatt cccagcttca tcaccaaccc tttccttcca cctctgcccc 240
ctggagacca cttatatccc gaagcggacg cggcagctga agtcaggaaa ccatgcatca 300
cattagcagg agccaactgc agactttaaa ctccgttcaa catgtggatg cggcagagaa 360
atgacctgtc cagacaagcc ggggcagctc ataaactggg tcatctgctc cctgtgcgtc 420
ccgcgggtgc gtaagctctg gagcagccgg cgtccaagga cccggagaaa ccttctgctg 480
ggcactgcgt gtgccatcta cttgggcttc ctggtgagcc aggtggggag ggccctctct 540
cagcatggac aggcggctga gaaggggcca catcgcagcc gcgacaccgc cgagccatcc 600
ttccctgaga tacccttgga tggtagcctg gcccctccag agtcccaggg caatgggtcc 660
actctgcagc ccaatgtggg gtacattacc ctacgtcca agcgcagcaa gccggccaat 720
atccgtggca ccgtgaagcc caagcgcagg aaaaagcatg cagtggcatc ggctgccccca 780
gggcaggagg ctttggctcg accatccctt cagccgcagg aagcggcaag ggaagctgat 840
gctgtagcac ctgggtacgc tcaggagaca aacctgggta agattggaga gcgaccctgg 900
aggttgggtc ggggtccggg agtgcgagcc gggggcccag acttcctgca gcccagctcc 960
agggagagca acattaggat ctacagcgag agcgcgccct cctggctgag caaagatgac 1020
atccgaagaa tgcgactctt ggccgacagc gcagtggcag ggctccggcc tgtgtcctct 1080
aggagcggag cccgtttgct ggtgctggag gggggcgcac ctggcgctgt gctccgctgt 1140
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cacctagaca ggatcctggg gctcaacagg accctgcgt ctgtgagcag gaaagcagag 1260
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agtaatgaca cccattcttc tgttaagctc acctggggaa cttatcagca gttgctgaaa 1380
cagaaatgct ggcagaatgg ccgagtaccc aagcctgaat caggttgtag tgaaatacat 1440
catcatgagt ggtccaagat ggcactcttt gattttttgt tacagattta taatcgctta 1500
gatacaaatt gctgtggatt cagacctcgc aaggaagatg cctgtgtaca gaatggattg 1560
aggccaaaat gtgatgacca aggttctgcg gctctagcac acattatcca gcgaaagcat 1620
gacccaaggc atttggtttt tatagacaac aagggtttct ttgacaggag tgaagataac 1680
ttaaacttca aattgttaga aggcatacaa gagtttccag cttctgcagt ttatgttttg 1740
aagagccagc acttacggca gaaacttctt cagtctctgt ttcttgataa agggatttgg 1800
gaaagtcaag gaggtagaca aggaattgaa aagcttatcg atgtaataga acacagagcc 1860
aaaattctta tcacctatat caatgcacac ggggtcaaag tattacctat gaatgaatga 1920
caaaagaatc ttctggctag ggtgttagat atatttatgc atttttgggt ttgttttta 1980
atcaagcaca tcaacctcaa gcccgtttag caatgaggca gtgtagatga atacgtaaaa 2040
taaagtactt taaccaagta gctataatgg gacttagcac tgtatgcata cttaaaaagg 2100

```

```

ttttgaaaaa caaactactt gagaaatatt tgtttatatt tttctctaac atcatgctat 2160
gtgtcagtct gaacatctga caacagaaat ttcagttatt att 2203

```

```

<210> 5648
<211> 1100
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (977)...(59)
<223> similar to gi5524927 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5648
tttttttttt ttggggcagc gggggtcttt attcgtcaga ttttcttct tgggctaatt 60
cccaagtttt ggcaagggaa agtcaataaa gtgttggtaa ttgcaaaggt ccagaatggc 120
aagcagaccc agtggggcca gcagcccttc cctggatagg gctccagggt ccttcactgg 180
aggaagatcc ttggtacccc tgctctctcc aaggctggga ctagtgttcc tgggtgtggc 240
caggtgtgca gtggttgtga cagcagatgg tcttggttg gtcctagcag aggctgtgac 300
cccatacatg ggctgatgg tgccgaaagg cctggcgtga gcatccaccc accgcagcag 360
ggcctgtggt ctccactgac agatgctgag cagggccagg acatcacct cagccgtgtg 420
cgagtctgga ggggactgcc catacaggcg agtgtagatg ctgcctaggc tgtagctctt 480
ccttgggccc tgttctgagg ggctgcttgc tcgctccagg gccttcagcg cagtgatgct 540
atccacacag aaggcaccat ccagagcact ggtgaggccc agcatagcca gctctgcttg 600
gagcaggggg aagtcgtagc ggtcaccatt gtgtgccacc aggcaccagg gctgtggctg 660
gcgccgcagg aaggctagga gcaggttggc caggttgtca tcaaaacatt gacgcccatt 720
cgctgccagc acagctgtgc tcagacctgt gatctcgctg gctgcagggc tgcaggcctt 780
ccccggagcc acacacaggg agagcttgtc taccacacgc ggtggtggag gaactgtggg 840
aggtggcccc tgagaggtgg gggggtcttc cagggcacat ctgtggacag ccagcaggca 900
cagctccgtg accttgggct gggagaaggg caagccagtg gcctccatgt cgaaaaagat 960
gagggctctg atgggccccg ggggcagggc ctgcgagccc atggttgggt acgtacctgc 1020
tgctgagccg tagcaggcag gcaggcaggg agtagtgact cggctgcacg ctctcccggc 1080
gctctcgccg gacgcgtggg 1100

```

```

<210> 5649
<211> 1636
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (524)...(1397)
<223> similar to gi4091782 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5649

agggcctcgg	ccatccaagg	gtctcccagg	tgaccttccc	tccaccccag	gaagctatga	60
cagagggcgg	gaagctgccc	ctaccgctac	ccccacggct	ggactgggtt	gtgcacaccc	120
agatgggcca	gctggcccaa	gacgggggtcc	ccgagtgggt	ccatgggtgca	atctcaagag	180
aggatgctga	gaacttgctg	gagtcacagc	cactgggata	ctttctcatc	agggtcagtc	240
acagccatgt	gggctacaca	ctctcctaca	agtaaggcct	gggcccggat	ccagggcagg	300
ggcaggtggg	ctcttgggtt	tccttggagg	gggcaagggg	tgcttcatgt	catagcttct	360
cagaaagcag	cagtaactga	ggctgtggat	ctgagaacgg	gagctgctag	ccaagcaatg	420
agtgaagctt	ttgtccgtag	tggcatgttt	tatctgaggc	cagcctttgt	actcctgtgt	480
tataaatggg	ggaaactgag	gcacagcgag	gttagtaacc	tgctgggtgt	tgcattggcca	540
gtgagtgaag	aagcctgcat	gggaacctgg	ggtagtctgg	ctgtagcagt	gacgctgccg	600
gcccgaaggg	tggggacttg	gggcagggat	gagggggagt	aggatgtccc	agcccccgca	660
gtgtctccgc	agagcccaa	gcagctgctg	ccatttcatg	gtgaagctct	tggatgatgg	720
gactttcatg	atccccgggg	agaagggtgg	ccacacctcg	ctggacgccc	tggtcacctt	780
ccaccagcag	aagccaattg	agccgcgcag	ggagctgctg	acacagccct	gcaggcagaa	840
ggatcccgcg	aacgtggatt	acgaggatct	cttcctctac	tccaacgcag	tggccgagga	900
agctgcctgc	ccggtgtctg	cccctgagga	ggcctcccca	aagccagtcc	tgtgtcacca	960
atcaaaggaa	aggaagccgt	cagcagagat	gaacagaata	accaccaagg	aagccacttc	1020
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cttggcagag	cctgagaacg	accagctccc	ggaggagtac	caacaaccgc	caccctttgc	1500
ccctgggtac	tgctagagaa	caggtccacc	ctggctctgg	gactcgctgc	caggggctgc	1560
cacactcctg	aatgccttaa	catttcttcc	atggccccac	accatggcat	ccgggggtct	1620
tccgggaacc	cgggaa					1636

<210> 5650

<211> 5221

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5105)...(1520)

<223> similar to gi452755 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5650

tttttggcat	ctaacaattg	ttctttattt	aaaaacactt	tcaggaaaat	ccaaggaaat	60
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agcaattccc	actggtgtta	tcataactca	acagtctgtt	gcaatcagtt	gtagaaaggc	180
acagagtgc	agctggaatg	caaagaaatg	tgcacaaccc	agagctctgt	cagccttgcc	240
aaaactcaag	tgcccccatg	ggaggggtct	gcaacatatg	ttctgttgag	caaagagggt	300

gcaaaccaag	cggttattgc	aataaacacc	acttgtgaca	aacaaagttt	gtaagtttaa	360
atattatttt	taaaaatgct	tgtcttcctc	actagacaat	caactctatg	agggcagaga	420
ctatgtcacc	actgtcccac	cagccctggg	cacacagtag	gtactcaata	aatatatgtt	480
ggaaggatgg	atggaggtaa	tggatggaaa	gatggatgga	aggatgaatg	gagggatgga	540
tgtgacccag	ctgaagtgtg	agtaggaaca	ttctcttatt	atgggtggag	gaaagagaga	600
ggagattgag	aaaataagat	aaaatacatt	gatgcgcata	atttttgggtg	ttcgaaaagt	660
aggattgaat	taggactaat	aaatctagag	aattttacct	ctttcaatgc	ccaagccaca	720
cttttctatc	actttgaaac	cgaaaaagta	aatactttcc	caacatttgc	tttgctgggt	780
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gctccccagg	gctctttctg	cttgcctgggt	cttgctactg	gcacttgaaa	ccttctggct	2160
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<210> 5651

<211> 5553

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (52)...(5295)

<223> similar to gi2347136 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5651

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<210> 5652

<211> 1669

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1643)...(1413)

<223> similar to gi288145 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5652

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ggcctctgca	actatcgggg	cagtgggtgt	cagcgggtgc	ctgcttcttg	gacttgccat	600
cgctggccct	gtgctggcct	ggagactctg	gcgatgccga	gtggccagaa	gccgggagct	660
gaacaaaccc	tgggctgctc	aggatggggc	caagcccgtt	ttaggcttgc	agccacggta	720

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ctatgagaac	atgtttgtgg	gccagccagc	agccgagcac	cagtgggatg	aacaaggggc	840
tcacccttca	gaggacaatg	acttttacat	caactacaag	gacatcgacc	tggttccca	900
gcctgtctac	tgtaacctgc	agtcactggg	ccaggcccca	atggatgaag	aggagtacgt	960
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caataaatgc	ttcgaggctg	atgaggctgc	tggtcaggg	tgcgtgggtt	cctcaagggt	1320
gggatttctg	agttctaaga	ccaagtctcc	atctgagact	cccaaattgc	tccccacctc	1380
ccatccctgt	ttttttttgt	tggtgggggt	tgtttgtttg	tttttgaaac	tgagtctcac	1440
tctgtcacc	aggtgggagg	gcaaggttgg	ggtttaagtt	aattgaaacc	tcggcttccg	1500
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<210> 5653

<211> 1833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (71)...(1833)

<223> similar to gi443940 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5653

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acatgaagtg	ctactgccgc	agtatcccca	gcaaactctt	atacagattg	cagagctggt	900
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tcagttgaca	gtgtacaatg	cctttgatga	actgttttgt	aagggtgctg	atatctatcc	1800
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<210> 5654

<211> 855

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (310)...(809)

<223> similar to gi3025832 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5654		
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cgggtgaaggt	cggaaccgac agcctcctcc gagaagggca ggagctggga ggaggcggca 180	
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ttccaaaaag	taagaagaat aagagatgtc agttgcactc cttagatagc cacaagccaa 780	
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aagtagttat	aattg	855

<210> 5655

<211> 5663

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(5664)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (5501)...(2237)

<223> similar to gi33942 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 5655
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cacatatata atgctgtgtt acgaaacaat gaacactttt ataaaaaatt tttttcacac 120
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<211> 610
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (8)...(529)
 <223> similar to gi498734 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5656

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<210> 5657
 <211> 1107
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1095)...(644)
 <223> similar to gi3668416 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5657

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<210> 5658

<211> 3443

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (235)...(2472)

<223> similar to gi30082 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5658

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<210> 5659

<211> 2091

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (365)...(1924)

<223> similar to gi4335949 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5659

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ctgtgttatg	gccagctcgc	gaaatggaag	gccatcaaaa	tggaagctat	gtgcgcacat	1980
gcagctttgc	tttccttaat	acattatctg	ctagcaccat	ctgctagact	tgaaaaatca	2040
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<210> 5660

<211> 3880

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3774) ... (1514)

<223> similar to gi605 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5660

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actttgtcca	gattcagaaa	gagtaagttt	atcaacatct	ggcatccctc	atactttgtg	180
aagatagatc	ttctactgct	taattatgag	aaattatttt	attcaaagaa	aggagctctt	240
aatcttttga	taaaacaaaa	taaaggagta	gagagctgac	tagatgtcaa	gtgcttgcta	300
gaaatgattt	ttaaaatgct	tctacacgta	aaatgtactg	acaaattttg	gtaaaccatt	360
taaaaataag	aattagtttt	aaaatcttgg	agaaaatgcc	tttttgccca	catttaaaac	420
tgaaaatcaa	ttttactata	gataggagtt	ctgtggagtg	tacaaaattc	cttttagaga	480
tcaaatggcc	atcccagata	gatatcatgt	ttcacaggca	ttacttttag	tcacctcaa	540
gtttcagcca	tgggacaaaa	athtagtggt	ctgtgccatg	tggtcacagg	gtcattgggt	600
tcacatcatg	gcttaagaaa	atactggcat	tttgtttctt	acgaagtaag	tcctaccttg	660

tgcacccaag	caaaaagaaa	aaggaagaaa	acaggggagg	gaaaggcgca	agaagctttt	720
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cgccgcaccg	cccagtcact	tccccccgc	aatcgccgcc	tgccgcctct	gtatgatcca	3840
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<210> 5661
 <211> 2379
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2011)...(395)
 <223> similar to gi4808552 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5661

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aactctgggc	agggcacagg	ctggccctgg	ggcaccacca	cttgctggcc	atccagctcc	540
aactcagtgt	cctgggtcgg	atcaggctcg	gtgtggcctc	gggcaatgac	actgtcgaag	600
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ccatgccaca	gcagcttccg	attaccag	ttggagtggg	cctggaatct	gtcttcctcc	900
ccttcttgg	ttactttcca	gatgtgttga	agtgtagggc	acctgtgggt	gctgccagtc	960
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ggaagggttc	cttcttcccc	ttcctgcctg	ccggcccttc	ttcttctcag	ggcctcag	1980
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ctggggcagg	ccgagtcagg	cgaccagtcc	cacggacggg	tggacactcg	atctggcata	2280
tccaaggccg	gggcagtcgc	gtccgtagcg	ctgctcatgt	ggccggggcc	tgcagcacgc	2340
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<210> 5662
 <211> 2113
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (508)...(276)
 <223> similar to gill177607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 5662
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aggtcgctgg gactacaggc atgagccacc acaccagct aattttttgt attttttagta      180
gagacggggg ttcgccgtgt tgaccaggct ggtctcgaac ttctgacctc aggtgatcca      240
cccacctcgg cctcccaaag tgctgggatt acaggggtga gccactgcat gcggctgaag      300
gtaaggattc taaactcgga gactagaaat gtcctaaagg tgtctgcaac attggatgag      360
gagtacaagt gcatttttct gggatgattc ctcccttttt atcacattct cagaagtatc      420
tttgattcag aagagttagg aatgcctccc tatttcagtt ggggtttctg ccctttctcc      480
acagaggtcc agactcattt tgcttaattt tttttctagc tggggcctgg gaggtagagg      540
cttcagggcc tgggtggtag agctgcctga caagtgttca gcagggtgc tgggtcaggg      600
ccctgtgggc cttctgacct aacctgaaga tgggtctgct aagtctaaca aggtcaaggg      660
aagatcagag ggaccagat tcttttttat cccccacttg aaacggagtc ttgctctgtc      720
gccaggtcg gagcgagtg gtgcaatctt ggctcactgc aacctccgcc tccctgacct      780
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cagccctctt aggtcagtt caaagggaga ggaggtagt taaataagaa actgagagaa      1500
acatggagca ttattgattt attagaaaaa ctagttaaat ggtttcctct ggttggtgga      1560
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agaataagga gag                                     2113
  
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<210> 5663
 <211> 4450
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (65)...(1861)
 <223> similar to gi3882251 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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tgaagctttg	aaacgaaaca	gaatgctgat	gattcaacgc	tatgtggaag	ttagccctgc	180
cacagaaaaga	cagtgggtag	ctgctggagg	ccatatacct	tttaagcaaa	atatgggacc	240
ttctggacaa	actcatcccc	ctcctcagac	acttcccagg	tcaaaatcgc	ccagtgggca	300
gaaaagatca	aggtcaagat	caccacatga	ggctgggttt	tgtgtttact	tgaaagggct	360
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tttcctttta	aaattgaata	aaattttctgt	atacagattc	attgtatgta	cctttattgct	2400
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gtctaattga	ctcatttgta	aatgagcaga	actgttttgt	gggttttttt	ccctaaatat	2520
aaaagtccca	cacttcgttt	gtgtataaac	ctcaaacctt	gatttctaata	gtcacactta	2580
aaactgtgtg	gaataagact	tttgccataa	aaataaaacta	tggagtcctt	tatctaccag	2640
agcctttttg	gtttgaccgc	cacgatttag	gttagtcagt	ttaaaaattg	ttcatgttgt	2700
ttggatggta	tcgaaaacca	gaaaccactt	ttaataatgt	gtttaagata	cttgatttga	2760
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gttcgtagat	tgatacgtgt	tagtcctgtt	atlttgaggc	tttttggcat	agttgttcga	3000
tcaggagcct	gtttactaaa	agtcttcata	cagagtacaa	gtgcagccgc	cagaggagaa	3060
aattgagatt	cttgaccctt	tcatactctt	ttctttggta	ttcaggacac	taaggcagga	3120
ggaccacatg	agttctgggt	ggtaagtgtc	cttgtcatga	aaacacttgc	cttacaaggc	3180
tctaattatg	atttccctag	tcagtgtctt	gaagatgtgt	cacattatat	tataaacaat	3240
acggaagggg	agataggtga	gatgatatga	aaaacaaatt	ttctcactgt	cataaaaggc	3300
tctaattatg	gttactttcc	ttgtgatgaa	aaacttggcc	ttacaggggt	ctagttatgg	3360
ttactttccc	tagtcaatgc	tctgaaaatg	tgtcacatta	taaacaatac	agaaggagag	3420
atagatgaga	gatcatgaaa	accaaatttt	atctttttaca	tggccctttt	gtcttcgttt	3480
gaaacatccc	caacatttcc	tacaaatcag	cgtagttaca	aaggggtcag	tcttttaaaa	3540
taagtatttc	ctattaaact	atatatatat	acagtgcctt	tttgggtgtg	tgagtcagtg	3600
gaacactgaa	atacagcggg	tgtgtaattt	aagagtggca	acagtttcat	ttgataagat	3660
ttgaaaaggc	tttttatcac	tacaatctta	gaggattgac	agtacaggat	ttttgtttaa	3720
gagaaggatt	gttttagactc	aagagggtgac	tatgttggtg	gtcttttgat	aattcatgaa	3780
tacagatttg	ctttgaccga	tcactagata	ctgcctcctc	aatttcaaaa	gcaatataac	3840
gtttgtatat	gctgtttaat	ttaagttaat	gttaagtaat	catttctcat	tccaaagaca	3900
atgcaaaaaa	cttcagcact	gcttgagagt	tgtatttcag	ccacagatat	tttctccatt	3960
ggaaagctat	tttcatttta	gaaaaatggg	ttgtttgaag	atgaaagtct	tttatctttt	4020
ttcacaattt	atltttggta	tatgttcgta	cattcttatt	aaatatttca	tacactttat	4080
tgcaactact	ttgttatttc	tacatcttag	ataaatgctg	aaaaggaaaa	cgattttcatt	4140
gttcatctaa	ttaaataaat	taaaagagcg	gtttgtgtag	aaattggaga	gaactatggt	4200
ttatatgaat	cacaacagtg	ctcgttgtgg	actgtaatta	aatgctttgc	cctctggaac	4260
ttgatttttg	tgtatctgag	atltattaac	agtgctaact	gctaaggata	ctgtttatct	4320
tgttctgggc	attggagttt	cagtttttaa	aaaattcctg	aaaatgtatt	ctgtgaaact	4380
actcatacct	ctcttcctgc	gaattttctc	ctaagaacta	ggtttggggg	agaaatgaat	4440
tgacattatt						4450

<210> 5664

<211> 659

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (356)...(600)

<223> similar to gil389766 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5664

cataggttgg	aaactgaaac	ctgcacattt	gtggcaaagt	tactgcatt	tacagggaga	60
gaaagaaaac	cacatgactc	ttctttgtat	gttaaagact	ttttattttc	aggecccttc	120
agaggaatca	attcctttta	acctttgtaa	aatgccacag	gagccaaggt	taagcgatgc	180
ttttaactta	ggaactgacc	ctctccaggc	agagtctcca	aagtagatta	cctcgaaatt	240
tcaaagaggc	agttctacaa	gaggagcctt	tgaagaagcc	aatcctgttt	tccattgttt	300
tgctttcaca	cacgggttga	acttgaactc	ttacctttct	ccatttataa	caacccaaat	360
ccaccttaaa	aaatcaaagg	ctgggagcgg	tggctcatgc	ctgtaatccc	ggcatttagg	420
gaggccaagg	tgggttgatc	acctgaggtc	aggagttcga	gaccagcctg	accaatatgg	480
tgaaccccc	atctctacta	aaaatacaaa	aattagcagc	ggcgggtgcc	tgtaatccca	540
gctactcagg	aggctgaggc	gggagaatcg	cttgaacccg	ggaggcggag	gatgcagtga	600
gattgcgccc	ctgcactcca	gcctgggtga	cacagcgaga	ctttttcaga	aaaaaaaa	659

<210> 5665

<211> 1300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1301)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (217)...(811)

<223> similar to gil055044 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5665

cttgaattcc	tgacctcaag	tgatccaccc	gccttggcct	cccaaagtgt	tgggattaca	60
ggagtgagcc	acctcgccca	gccaaactga	cataactttt	aaagatggat	tgccaagctg	120
aggatgaactg	cgggcttcat	ctggttatct	aaacatcatc	gcttctctga	aaaaacaaag	180
ttgaattcaa	gctaaataaa	gacacatcgt	cattccccgg	tagactttta	caacatgacc	240
ttgaaagaaa	ctactcaagt	aggcaagggt	atcatattaa	tttgggtgagc	tcactcattgt	300
catcatttcc	tattcttcaa	cgttcttctg	aagagaaaaat	tctttactca	gacaggttga	360
gcctagaaaag	acaaaagctg	accgtatgtc	ctatcatcaa	tggggaagac	caccttcggt	420
tgttgaactt	tcaacacaat	tttataactc	ggatacaaaa	tatttctaata	ctacagaagt	480
taatatcggt	ggatttatat	gataaccaga	ttgaagaaat	tagtgggctt	tcgactctga	540
gatgtctctg	tgtccttctg	ttggggaaaa	acagaatcaa	gaaaatctca	aatctggaga	600
atctaaaaag	cttagatgtc	ttggatcttc	atggaaatca	gattaccaa	attgaaaata	660
ttaatcattt	gtgtgagttg	agagttttta	atcttgccag	gaacttttta	agtcagtgtg	720
ataatcttaa	tgggctggat	tcactaactg	aacttaactt	gcgacacaat	caaatcactt	780
tcgtgagaga	tggtgataat	ttgccctgcc	tcccaacatc	tctttctcag	ctttaacaat	840
atatctagtt	tttgacagtg	ttttcttgcc	cttgtctggac	tcttctttcc	ctctcgggac	900
atcacccctt	gagggccaat	cccataggct	tcaaggagtc	agggtaccaa	acacactgtc	960
cttcagaata	tgatgcagct	gcgccactaa	gatatggaag	gagaattcac	gggaagaagg	1020
aaaggcgat	ggcatctgtt	ttagcccaaa	aaaggaggga	agaggaagga	gccgggaaag	1080
tcctaaacca	ttcttttgct	taaggagaag	aaaagggtta	accatttaac	cacgtagctt	1140
cgacagtggg	acttgcaaca	acgagtagcc	aatattgcta	caaatagaaga	tagaaaagat	1200
ttctggactc	tcctcaggac	cctgttcaga	ttgatgggaa	ggcaccctct	ttggctttcc	1260

cagaggccca caggggcntt taggattcag ggnttcaagg

1300

<210> 5666

<211> 892

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (845)...(300)

<223> similar to gi4929703 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5666

tttttttttt	ttaaaatata	tttgctttat	tatgtacaca	ctatatattac	atcaccacc	60
ctgaaaacag	caggttctgg	cttttcctgt	aacccccaga	tgaatataaa	ttggagcctc	120
tgagaacagt	tccttcccca	gagcggggag	tgtgcacgtg	tgtgtgtaac	cttctgattc	180
catgggacct	ggccagctcc	tctggagcca	cacagcacct	ccttgcctta	cacctggct	240
ccagcttcac	tggtcggggg	gacgcctcag	cctggggcag	ctgtgatgta	aaccagtcac	300
tccacctcca	tcttctcttt	ctgcaaagaa	tgcaggaagt	cttgccactc	tgctgggtaa	360
aagcgtttat	agacgttgat	cttactccga	atctgttttg	gggtatcttg	atagtaattc	420
ttctcatcac	gggccatggc	cttatagtec	tcccctgggt	tctctaccat	gtagcgtaca	480
tagtcaatga	ggtcccaaga	cagagtattt	cctttctttt	ctggaaggct	ggcttctgcc	540
tccaggtcat	tcagcacata	gggcttcctg	tacaagttct	tttaggcctc	ttctctatg	600
tccaccttcc	atggccttca	cctttctctt	acgggagggc	accggccctg	ttgggggtcca	660
cagccaaccc	catctcggcc	aaggttctgc	cgtaccgatt	tacgcgtggg	cccacggcat	720
gtcggatgtg	ggagcattcg	agtcctgcgc	gctgccttcc	gtcgagcatt	ccggttcaga	780
cgctttcggt	tgacactgta	accaaacttc	atgctaccgg	gtttatgccc	ttggccttgg	840
gcacgcgct	gaccaccgca	ccagcagctc	aaacacgctg	cctctgtctc	tc	892

<210> 5667

<211> 1366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1109)...(459)

<223> similar to gi1825695 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5667

cggttctgtg tcaatatgtt ttttagaaat aaagacggaa aaacatcaca gtgcataata 60

tataaggtca	atgtcttgtg	atacttgatg	tatgtatgta	tcacacacac	acatacacac	120
ctacacacaa	atacacaac	atacacaatg	aattccacag	atattggatt	gtgatgtaat	180
ctttatttct	tactctgagc	tccagttaga	aaagtttgac	aatcattggt	atagagctat	240
gttcagaaag	tggagacttt	ctgactcact	gtgagctctg	ctgtatctat	gcgctccctg	300
gagagggagc	aacttgctaa	ggtacagtc	tggccattgg	catggatatt	tattgttcca	360
catgttggga	aaaccatgtg	caataaaaa	caaacatag	aaacaatggc	tgtcattgta	420
ccacagtata	cattgtatct	tggggaaggt	tcttaaatta	ctccttggag	tttccctaatt	480
cacttcagga	aggatttgtt	gtgttccgtc	tttatgctgt	cacttgcaaa	cacttttgct	540
ttgctagttc	ttgtattaga	tcttcatata	cttgcaaaaa	gaggtcctct	tcagattttg	600
ttccatccag	gtacacaact	tcccatgtga	tgtcctgcat	ttcttgtctg	tacttttagat	660
acatgggcca	cacatggcca	tcaaagtatc	cggagagtc	tggaggctga	tagacccttg	720
tactcctcct	cctttttacat	tcttcatatg	gaatagtcag	gaaatagctt	ctattccata	780
tagtgtcaag	gggcttataa	ttaaaaagaa	gaaaaccttc	gatgattaaa	atgggaattt	840
cctcagcact	ttcctgggtc	gttgatacca	cagagtgtct	tgcgctttcc	atccagcagg	900
aaatggctga	catcattttt	tccatgttaa	gtgcttcaag	cacatcgtac	tgcaaaaatc	960
cattttttatc	tgtctctatc	tcagactctg	gcttgaagaa	atcatcctga	gatatgacac	1020
tgcaatttgg	gaggtgtttc	tgcaaattct	tagccagtg	tgttttgcca	ctgtttgta	1080
caccactgat	tccaatgata	aatgttttca	taattagctt	tgaaaatcac	agcttcctaa	1140
tatttctctg	cgccagttcg	agtcctccca	aacacagcgg	cagaggcgac	agccaagcgc	1200
gcgcctgtac	ccagtgcgcc	gctaccgcga	gctcgtccc	cgagaggccc	acagcccctt	1260
tccccacgct	cctcctgggt	tagagggatg	ccaggtagg	gcggtcacca	gaggcccctt	1320
ttctctaact	tgggcgcgg	gttccagccc	ccgttggggc	acgaaa		1366

<210> 5668

<211> 908

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (548)...(293)

<223> similar to gi2318003 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5668

gcgggcccc	gatggctggc	ctgactgtcc	caggggcaca	ggctccagca	ggctgcctgt	60
ctgtggtcca	ggcttcagga	acccccggtc	ttgggtgtgc	gggggctggg	aagtggctgg	120
gggtgcacag	tcccacacct	gtcattcact	gaacaggcac	gtattgacag	cttgtggcgt	180
gtcaggccct	gtgcccact	ctgggagtca	aggataacct	gacagactca	ggccacttta	240
ggaaaacgaa	atccacccca	accacactta	gcgagtcacc	ctggccgggc	ctgggctgcc	300
ctccagtcgg	tcagccggac	tggatttcca	cgcggccgag	ccctacgcct	cccagaccct	360
gagctccagt	ctgcacaggc	caggtgtctg	gagccggggc	tggtgacagg	catccccag	420
gtgggaggag	gggctgtcct	ggctctgacc	tggatatcag	atccagagct	gagggggagg	480
tgcagggtca	ggaggggagg	ggttctgttc	tgagtttccc	ctggccaagg	ctgcagacaa	540
gggacgcaga	caatcggcac	attgtgagca	ggggctgcag	gatggaacca	gcaagctgct	600
gtgctgagcg	ccccaaacct	gggcctacag	gggtgaagac	caagccctcc	tgccgggggt	660
ggagagccgt	gggcctgtct	ctgctgtctc	tgtctgtggt	gctggccgct	gtggggattg	720
tggctggagg	gcttcttggc	tctgtctcag	gccctcccaa	gccaaggctg	cagacgtgc	780
gaatgaccct	cccagagccc	cacatgcccc	ggcccaacca	aaccatcctg	gtggacgtgg	840
cccggaaacgc	ggcgaccatc	acagtgaccc	cacctcagag	caaccacagc	tgggcgggtgc	900

<210> 5669
 <211> 1642
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (403)...(865)
 <223> similar to gi804811 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5669
 ggaacacaga gaaaggttca cccgggagag atggcctagc cacttcctta gtgactgttt 60
 ggtatatgta ggtccccctg ccattactct ttcagccttc tgcaatctag ttctacttag 120
 tcacacactt ctctaagacc actcatacgt aaacactacg tagaggcccc tttttgctc 180
 attttacatt gtttagttat cattttgaaa cttttcttca catatgtaac agtgccggag 240
 tttttctgct tctctgtgtt tggtcagtaa ctcttcttta ggatacacct aaagatgaga 300
 agcttcatac ccagtactcc tcttcattca ctcatatggt tttgggatca gtcccttctg 360
 ctggctgtgc attggtctaa tggaacagaa tagagtcag aaataaccca acatgtatgt 420
 ggacaactgg tttttgacag aggtgcaaag gtcttgaaaa aatgatgctg gaataattgg 480
 gcatcagatg caaaattaaa aacaaattga tccatatctt aacactggca aagattaaag 540
 tccaaatgga ttatagttcc ccaaactgt ataattttta aaagacaaca aggaaaacgg 600
 gttcagcctt ggggttaggaa aagatttctt aaatccaaca ccaaagcac aatccatgaa 660
 ggaaaaaatcg ataaattgta ctttatcaaa attgagaact tctctttgaa aggtaccata 720
 aggagaacaa aaagacaagc tgtagagtgg cagaaaaata tttgcaaac atttctgata 780
 aatgagttgc atctaggtta cataaagaag tctcaaaact gaacaaagta aaaccattg 840
 ttgacttaat gcgctgtttc ctctgagct tgctgcctct gcccctgctc tctctcctt 900
 tccatttgtt ttcaacattg aatccagaat gttcttcttg agatccaagt cagatcacac 960
 caaccctcag aactctccaa tagacgacca tggcactcaa aagtccacaa tagccttcaa 1020
 tgctgggcaa aacatgaagc accccttttc tcccttctct gaccccatca cctctgtgtt 1080
 caccctgctc ctgccgtcct ccctgcctcc aaaacaggtc aggccttcgt gcctttgcac 1140
 ttactatttg caatacccaa atgttcttca ggctcttttag cctcttcatt tctttctga 1200
 agtgcattc tctactgagg cttatctaaa agctggcagc tactgggggc attcctgtct 1260
 catctccctg ctgtattttg taactcccg gctctctttt gtacttttaa acatactata 1320
 tggtttacct ttgttgttta tatttgcag ttgtttccca cttgaatgta agctccaaag 1380
 attttatattt tttaaaactga attattactg tattcccgaga acaattccct ggcaaatatt 1440
 tggtaactcaa tagtaatgct aagttagtaa ataaatgatg aatttagaat caaaataacg 1500
 tgtctatggc caaaataaaa cctgaaatcc ctgtcctatt ttcccagagg taactgctgt 1560
 taatagttaa gttgtgtgct tccagacata ccttcacaga atcatttatc acaataaagg 1620
 tgtcatacta tgcaaaaaaa aa 1642

<210> 5670
 <211> 1249
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (497)...(333)

<223> similar to gi347455 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5670

cccacgcgtc	cggtgtttga	ccaggtcaga	actcttgttc	tatgcgaatg	tgctcacgca	60
gacagaagcg	gaggggctcc	gtcgctctgc	cctcacgccg	ctgaaccgcg	agggctctccc	120
gtccttcagg	cttgcggtc	ggccgcgaag	tgtgtcaggt	gtgcctcctg	gggtgtcctt	180
tgtgtctctg	cctacggcga	cacaggcggc	gtggggttag	acaggtagcg	gtcagactac	240
ggtgacacag	gcggcggtgc	gttagacagg	taccggtcag	attacggtag	cacaggcggc	300
gtggggttag	acaggtagcg	gtcagattac	ggtgacacag	gcggcggtgg	gttagacagg	360
taccggtagc	attacggtag	cacaggctgc	gtggggttag	acaggtagcg	gtcagattac	420
ggtggcacag	gcggcggtgg	gttagacagg	tactggtcag	atgcacgggc	tccctaaacc	480
cctgctgtgg	cttcggcagt	aaagacagga	cgcacccatg	tcacaagagg	agcacaggca	540
gggggtgttg	tggtggggca	gccctcagg	tctccagacc	ccagccccac	tcacacagca	600
gcctaggaag	gaagggcaga	gtcccagggt	tcagctgggt	gggtctccag	gagctgcccc	660
tccctggaag	tcacaggaca	ggaatgacag	atcaggggaa	tcaggaagc	tgccacctct	720
gggggtcagaa	tatgccagc	ctgcgggggc	tctctatcgg	gggtcttcag	agccagacag	780
cctgccttgt	gctgcatacc	tggttttgc	ctgtgcagaa	cccagcacac	gtgattttgt	840
gtgacatgcc	agcagcctgg	ctcccaggac	aggaggcctg	ccctggggga	ggggctgcag	900
gaggaggggg	ggcaggcacc	catgagtctg	tccagccttg	tcacagatgc	atcgcccagc	960
ctgcggtcct	gatttcagct	cacctcagag	taaatacagaa	taaactgcac	ccagactttc	1020
acgaatgcat	gttgacgctt	tcagttcacc	cctttctttg	ctaactttct	tcctattttc	1080
ttctaattgc	agagcttatt	aattccatat	ttatcatttt	gaataacttt	tctccttttt	1140
aggttacaaa	agtactttca	ctcttagtaa	aatgtattta	ctatttttagt	aacaaaaata	1200
tacttgcccta	atcatgttta	aaatatagtg	atgtgaaaaa	ttctcgtgc		1249

<210> 5671

<211> 2042

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (513)...(1360)

<223> similar to gi4587223 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5671

ctctgttg	ggaactttct	atggagaaag	ctaccatcgc	tttgaagagg	tattcttcat	60
tggtatccca	ggcatatgct	ttatctccca	gagctgttct	gataataagt	ctcactttaa	120
aagcattttc	tgacacctga	acgtgggggc	gcggtcctta	cgtgtggg	cggtccttac	180
gtgtgggcgt	gccttggtgc	tctgaggggc	gtaacaaaga	tggtggagca	ggcggagggc	240

agaggcgctcg	gcagggttagc	gtgcaggcg	gtggcagcga	caggagatgt	gtagccagag	300
cgcagagcag	gtgtggactc	cggcgctggg	gaagcgtggc	cagggcgaga	tttcagcctg	360
ggtcggggac	agaatgggga	ctgatagggg	cgtaacctgg	aatgacgaaa	tgacgtttgc	420
tgcgtaggga	cgtggctaaa	cgtgaggggg	cgtggccaag	atggccgcgt	gtgggatcct	480
cgggtaccgg	gagcgaacga	ggaggttctg	gctcagtgca	tccactctgg	gagagcgtgg	540
acctggttcc	tgggggcat	cgacagtcac	ccatcaacat	tcgggtggagg	gacagtgttt	600
atgatcccgg	cttaaaacca	ctgaccatct	cttatgaccc	agccacctgc	ctccacgtct	660
ggaataatgg	gtactctttc	ctcgtggaat	ttgaagattc	tacagataaa	tcagctgcac	720
ttagtgcatt	ggaacgcagt	caaatttgaa	aactttgagg	atgcagcact	ggaagaaaaat	780
ggtttggtcg	tgataggagt	atttttaaag	gaaaattctc	agtctccctt	gaagaagtga	840
agcctccttc	tttatgcact	ggccactgtc	taatacctcc	cagcaatact	cagaggagac	900
tacctgctgg	aacctcacta	gaattgagag	atcaaattgg	tttggtggtt	ttcccactgg	960
agaatataaa	aaatacacag	ttaattttag	aaacaaaggc	tgggcatgat	tccatcctaa	1020
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<210> 5672

<211> 2937

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2761)...(505)

<223> similar to gi3135968 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5672

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<210> 5673

<211> 3883

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3848)...(422)

<223> similar to gi396815 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 5674

<211> 4588

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (166)...(2962)

<223> similar to gi4240287 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gtcctaataca	caccagcac	aggttctggc	ttcctgacat	gctgtggagg	cagggagggt	4080
gggtggccac	atgtgcttga	gggttttcac	cctggccctc	agttgcctgc	tgtgcgggtc	4140
cctggggcag	ctgcaggggc	tcatggacce	atcagggtct	ccacagctcc	cctgcagtgt	4200
gtgcacccca	caatgtctgc	ggctcttctt	ccggcgtgtc	gggctttgat	cacagcatag	4260
ccacgtcagt	ggcgtgcgcc	tctcgcacag	gccattctgg	gtctgggtgt	gccaggtgcc	4320
gtgacacgcc	gtgctgggct	tgtgctgcag	ctgggtgtgt	tggccctcat	tctcatgttc	4380
cagctgctgg	gcagtgtct	gcctgtgtgc	tgcgcctgca	ggctgcgtgt	gctgcctgtg	4440
atctcctgca	tcccttgacc	cctcccgcca	tcagaggaaa	ggctgctccc	cgaggcaccg	4500
cttgccctgt	gcggcgctgc	agagggggcc	tcagtgtggc	actcctcgtc	aaagaaaaat	4560
aaaggctaga	actgcacaaa	aaaaaaaa				4588

<210> 5675
 <211> 1838
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (903)...(1817)
 <223> similar to gi57920 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5675
 gtaaccttac agttcggatc tcttagaacc cacaagcagg taggcgatcg ctgcttcac 60
 acacttcaca gggagtcctg gatctttcct gtcggaacc catggacgcc atgattcagt 120
 atggcggagg tccggggcct aagttcctgt tcatgcttcc taatcattca tggatccatc 180
 acaatgtgct ctgaagggcc tctcttgctg ggattgagaa ggatacattt tttgagcagg 240
 tttttatact caatggacat gtagaaggga atatattcta ctcagttccc ctcctgcagc 300
 tccttgaaat tctgtccatc aaaaacaggg atctgctgac cagaggtgac tgccacagaa 360
 ggtatccagt ttgtaaaagc tgaattttgt gctgaagcca gaatttgcaa tcttgatggt 420
 tgtgttaaca tccaacagcg tgttttctgc ctttaaactc ctgtggacaa tacgtttctg 480
 gtgacagctt gcacagcaaa cacttttggg agaatttgct tcagtccttt ttttctttc 540
 ctgctgccat gagcaggtat tcacaaactt ctcctcctgg ctagtgtgct tcatgacaaa 600
 gcaaagagat tcctcaatat cgatcacagc aaatgtttca ctatgttggg gtgatccgag 660
 ccttcattgt tcctactttg tggatggtgt ctggaggaga tctgctgagt ctcattcaatg 720
 aacttcacag ctgctgcttt cccagttaag aggtcccagg ccaaccttac cttagccagg 780
 ttgcccttga cgatggtctc aaggatccta gctgccagta agggtccttt ctcagcagag 840
 atggctgaga ggccctgtgg catgtgagac ttactgctgg gcttggagtc aagggtgtccc 900
 aggtcagctt aatttcggga aaaactggta agacgcttgg ttcaaatacac ttgaaaagaa 960
 aatcacttgc atagttcacc tgaagaatgg atctctataa tggaaattaaa gcacaatgct 1020
 ggacaaaaag taagaaaaag caacaaactg aaaggaaaaa ttgagtataa agaataaaga 1080
 actagaactg gcaacctcag ccaagccagg gaattacata catcttgga ttccaaagca 1140
 atgcttcctt atgagggcat aggaagaaat aaatctaata acaaggctgg gattaattca 1200
 cgtggttttc tcacattttg gtctcaagaa ctttttactc taaaactaat tattgaggac 1260
 cccaaagagc tttttatgtg gggttatagtt atcagtattt actttatttg aaattaaaac 1320
 ctgtaggatg tttcagtggg cttttctagt ttgaagggtt taataatttt tggcttttaa 1380
 agagcccata atcaattaaa atattttatt ttcttttaa ttgtaaatga ttggtgtcat 1440
 aatgatgcta caacttaact ggcattacaa tactatacaa atacgttcta ttgtataagt 1500
 cacaataagg tacattatta actctataac atttagggga agatagctgt tatcatatta 1560
 tttaaagtgt tgcctagttt cttttagta gacttatctt ttccaggagc cagagaacct 1620
 gctatatcag tttcagtatc tttaaatgta gagattgcag ctgtgtgttg agaaagcacg 1680
 tttcacttag catgggatgg ggacttcgag gtactggata tgtcactggc acctcagggg 1740
 aggaaccaa gatgcccta tatgatttta aacatgggtt attaaagcgt gatacagaaa 1800
 agtcacaaa ttgtccacct acagcttggt gactgttc 1838

<210> 5676
 <211> 1020
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (220)...(767)
 <223> similar to gill174092 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5676

ccgcaaātat	tgaatgcttt	tcccctaaca	caaggataac	cactttcatc	actttctcatc	60
actggctaga	gaacctagcc	agtgtagtaa	gggaagaaaa	agagataaaa	aacatacata	120
ttgtaaagaa	agaggtaaaa	ctgtttaatg	catagctcac	ataattagtt	ttgtagaaaa	180
tcctgtggaa	tctacaaaaa	tgctcatgaa	acttgtgagt	ttagaaacat	cacaggatac	240
aagatcaata	tacagaaatc	aattgtttta	tatactgggtg	ataacaaaaa	ttaaaaataat	300
acagtacaat	ttaccacaca	tcaaaatatg	aaatattttāg	ggatagattt	aacaaaatca	360
agacctgttc	actgaaaact	ataaaaacttt	gctatcagaa	attaaataag	acctgaataa	420
atagaaagat	atTTTTTgtt	cattgcttgg	gaaattcaat	attgttaaga	tgctagtctt	480
ccccaaattg	ctctataaat	tctatgcaat	gtcaacccaa	atctctgctt	ttaaaaaaat	540
tgacaaactg	attctaaaaat	tcctataaat	gccaaaagcc	tagaataatg	aaagcagttt	600
tgaaaaagaa	ggagaagttg	gacaagtaca	aattttgaga	cttattataa	agctaaaata	660
atccagaaaa	tgtggtattg	acataggata	catatataga	tcaatggaac	agagtagaga	720
gacccaaaat	agattcaatg	tatagggtga	attgattttt	gacaaaagtg	gcaaaatact	780
ttaatgggga	ggatggtagt	cttttcaaca	agtgatgcta	gaacattgag	ttctagcacc	840
agtagaacta	gaatgtggaa	aaagtgaact	ttgggcatac	catgttgaaa	aataactcaa	900
aatggatcac	agacctaaagc	acaagaactg	aaaatataaa	acctccagaa	gaaaacatag	960
gagaaaaatcc	ttgcaaccat	ggaatgagca	aagatTTTTc	agggcccccā	gtgcatgaaa	1020

<210> 5677
 <211> 2856
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2619)...(2456)
 <223> similar to gill110587 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5677

tacgagtaca	gcttccgcac	agagcagāgc	gcagccgcca	ggctcccgc	cagccccacc	60
aggtgtcagc	agatcccgca	gtcctgagga	gccagcggcc	acctgcgggg	agaccaccgc	120
cgcccagact	actgacggca	ggggctgctg	ccccgcctc	ctcctgccgc	ctccgccagc	180
cctccctccc	acactgcccc	agcagggtg	gcccggagac	tgggcagcta	agtgggcgca	240
tcctgtcttc	agctggcctg	actgacaccc	cggcctccct	ggggacattg	ttcataacca	300
tgactaatct	gtgtgtgctg	tagtgaccag	cggctcctaa	cgtgtctgtg	tgatgaccag	360
ttgtcctcca	aaaacctcac	tcaccacgga	gtcaccctga	gggccccggg	cagttgcctt	420
ggcgcgccag	tgacgcccac	cggtccctc	cgctccctcc	tgtcacctac	cagggcagac	480
cccactaagc	cgttgagtct	cttcctggaa	gaccctgagg	gccggcagct	ttgcctagga	540

ctctccaggg	tcgctgatcc	tccccggccc	agggctgcca	ggaacaagtt	cctctctgca	600
ggatctcaca	gcagccctga	gaagacatgg	gaggaagaag	ccagtggccc	tggggtggac	660
cctgcccttt	tggacatccc	atggacttgt	cacccagtcg	cctggaagtc	ggggagcagc	720
acccctgccc	ccggtggagg	ggttgttgt	ttctggggag	gaggacggtt	gacggccctg	780
cttggatcca	ccaccaggac	gctgtgctcg	gccatggcgc	gcctccccca	agggctcatc	840
tgtgcaacaa	ccacatgcca	acaatagctc	caggtgcctc	agccccgtgc	cctgacccgg	900
ggaccacagg	gacaccctct	gagacgtgct	ggccccagga	ggatacaggc	acacgggcac	960
ccagccccct	tcagagccag	gcgtgtcttg	acggtatctg	ctgacgggaa	caagtcattc	1020
tgaaggtcc	ctctgaccca	ggtcacccaa	tttggggccag	aactggcact	tccgagtgcc	1080
cactggtgct	ggcgtectca	aagtgcgggg	cgccaagtcc	agccccaggt	gcgtttgcct	1140
aggcagtgg	ggctgccatc	cctcggggccc	caggccctca	cccgaagggc	tgccctactc	1200
tgtggtgtca	ggcactgggc	tgtgtcctga	ttcctcagag	tatggggacc	tgacatcttt	1260
gggtcccaaa	gagttggctc	ttggatgtgg	aggcttgatg	ctgcggttgg	gggctgcaact	1320
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gacccgagga	tgccccctgg	gggggtggcc	ttctcaggac	tcctgggtgg	cacagcagca	1680
ggaccttgct	atgggactga	tgctgagcag	ggagggggct	gccaggctgg	ctgccgatgc	1740
tccgttcaca	taagccagtg	tggttctggg	gacctgagga	gccctgtggc	acccacaggg	1800
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gccacttca	ttagggtttg	tgaactttgt	ccttcacctc	ttttcgtgcc	ctggttgtga	1980
gattgcctct	aacaggtaat	gccaggggccc	cttactccg	cccccatgac	tgggaagagg	2040
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aacgtttag	taaacggcag	cttaagataa	gtaagcagag	acagtgttaa	ggacgagttg	2400
gtgtctgtgg	tagcttttag	gctgtctcta	acccaccatt	tattgccttc	tgagaggtgg	2460
gtgaggacaa	gcatgtgcct	gtgtgtgtgt	gtgtgtgtgt	gtgtatatgt	gtgtgtgtgc	2520
acgcacatgc	gtgtgtataa	gccacactga	gtggggctcg	tgaggagaaa	ctgaggcatg	2580
aaactctggc	tcaaacctag	gaattgagag	cgtttctgtc	ttttgggaga	gtacttttct	2640
ccacgagccc	tctggccact	gtgggagggg	aggacaaggg	ttcccttgga	aatgtgaagg	2700
gtcttggcct	catccctcag	gtccccccac	agcacttccc	actacttgct	tctgtccctg	2760
ctggcagcct	ctgtccctcc	agaacggcta	accagagcac	actgtcccca	ccgcctcccc	2820
tttctctctg	gaaagttgaa	gtatctccaa	aggcct			2856

<210> 5678

<211> 3556

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3486)...(1910)

<223> similar to gi2264346 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5678

gatgtttaaca	tactttgttg	ctatatggaa	cttaactctc	tactgttttt	ttaacaacaa	60
aagctaccct	tatacaacc	accaatttaa	tgaacaccat	actttataaa	ttaatacaac	120
gcaatctaaa	tgaccataa	atztatattt	gttaatcttg	atattagaac	atttttacat	180
ttcaaactac	ataaaaatat	aacaatataa	aatagaaatt	tgttgacaac	ttacgtccaa	240
aacatcacta	tttcttatat	tgcaactaag	caacaagaca	gcttacacag	ctctccagaa	300
aacatagtgt	tttttgtgtt	atcaacaaaa	atcagcacia	tcccacacaa	taatgtcttc	360
aattttattat	cttttccaca	gtacacattt	ttcaciaaac	gtaaatcctt	tgcagttatt	420
caaagtgtgt	aaacaattgc	ctgaatcccc	atatcccccc	ccctcggtt	aaggttgtga	480
atgttttaag	tccttcaatc	aagtttcaac	tcttccactt	gcataaggaa	tcaagagcct	540
tctctcttta	aaatatgtgt	gttttatcat	acagcctgca	atgcagtaaa	tcacagtga	600
agccctgggg	aaaacaaaac	aacatgatct	ttacagcggg	acttgaaact	tcacaatagt	660
aaatgcagtt	caagaagctt	cccataataa	aagcgcggtt	tttcatttcc	agaaatcaag	720
tcaattagaa	accctagggt	ctacttaaaa	acccattttg	atttaaaagt	gaaaacagtc	780
ccctatccat	agtcatttta	taaactctat	acagttttcac	ttgcagagat	tttttttttt	840
ccagtctgga	aaacagtagt	gcaattacgt	tttacttctt	ttaagttata	tagtccagga	900
tgtaaatagc	tctgtggaaa	gataagaaga	tgctctggta	aacaagaaat	ttttgcaagc	960
ccatgctggc	ttacgagtc	attaaagctt	gtaagtccat	cgtggctttc	aacaaaatgt	1020
tgcatataca	tcactgagaa	caaagcagaa	ataaataggc	agaaatgact	gtaaactgtc	1080
tcattttcaat	gattttttcag	taataactgg	cttgatgaat	tgattatata	tagtcactta	1140
aataagcaga	cagtagacag	ttgcccttct	ggatgttcca	ctatggcatc	cggcctggaa	1200
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ggggataata	gtttacagat	gccacttgaa	catgattcca	tcaagtcagc	cagttcactt	1320
agattttctt	ttaaaaaggc	ttttgatttt	tgatggcttt	ttgcttttct	ctccattatg	1380
acaaagggtca	tgtgggatgc	tgcttattct	ggcaacactt	ggggcttcc	gaactgggtt	1440
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ggaaagctgg	ttcatgctac	aggattttct	caaaatgcca	ttgtacactt	tgcttgcaag	1560
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atccacagtt	acaggcgaat	ccctcgga	ggaatcctct	agggacacct	catctcttga	1680
tatctttcgc	ggagataatg	tttggtatat	ctcgaggctt	aaaggaggag	actgtttcct	1740
tccaatggaa	gaatttaagg	agtcacattc	tgaagctgtg	tctggcactt	cccattgctt	1800
ttcagcagag	aagtaaatgg	cctcttcctc	ctcttcattt	cgataaagcg	cagggcaact	1860
tgacactgag	aggatatctg	gatcagggga	aggcaaggag	tgtggtgtgt	gttgcgggtg	1920
gtgagggtgc	cgagggtgtg	acgggtgggg	ggcgtgtgga	gcaagctgag	ctcgctgagg	1980
ctgaggcgag	gacggcacaa	tgctgcggcg	tgaacggcac	aggctgctgc	ttctggctaa	2040
tgatccagga	ggttttagcca	tggtcccggg	aaattgtgac	actattgggg	gtgtgtcttc	2100
atctaagtca	tcaactcctc	cagcaattgg	atagggtgga	atggagactc	tgggcatcac	2160
caccagctg	tgatcagaat	aaaggggaaga	ggtcaggctg	gggagtcctg	agttatgggc	2220
tatctgaaag	ccacagatct	tctcaatttg	ttgccagcga	aaaagtcgtt	ctcgtaaaca	2280
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caattcctgt	tctgcatact	gacgtctact	caattcacat	tcagctccct	cccttagctc	2640
tctcagccga	caagcctcct	cctttgcata	attgatttca	tccatcattt	tgcgtataaa	2700
attttgcttt	tctacagcaa	catttctgtt	ttcttctgt	gccttttcaa	gcctctcttg	2760
taagtccatt	agactttgct	ctgcagtttg	taagctctct	aaatctttca	tcatttttgc	2820
aacatgttct	tttgatgtct	tattctgcgt	ataagcaaac	cagcagcctc	caacaccaat	2880
tactatagaa	actgtgagga	taaaatcttt	catccagtta	tgagggtggc	gtgttagagg	2940
tccaaacaaa	accacatcca	atgccttgag	ctgaagtttt	tgtctgtgac	tccggctact	3000
gattttcaac	tgggagatca	taaatgaagg	ttcgtgcact	gctatcctgg	gaagtgtcgt	3060
tcctttgaca	ttgttgtctc	taaaattctt	ctcatattgg	ggtagttcaa	caaactctat	3120
caaccactga	agagtgtctt	caagggtcca	attatgaact	tctgatgttt	tccatcggtt	3180
ccataaatcc	tcaatcgtta	tatgtttatc	ttctctgtgc	agatggctgt	gtttattagt	3240
agcatcttta	tatttcatat	cttctctgat	gaattcatca	ctttcctcta	cttcaattcc	3300

accatctttg	tcacatcca	tttgtttatg	tattgtttga	agagcttcca	gactaaatct	3360
gtcttcttct	gtaaagcatg	gtggactcag	tgacatgcag	ggatcttatg	gctggacttg	3420
gtgtctcatg	cctgtaatcc	cagcacttct	ggaggctgag	gagggtgat	tgcttgagct	3480
cagaagttcg	agaccagcct	gggcaacatg	gtgaaacaca	gtctctttta	tttctcttct	3540
tttctagggt	atattc					3556

<210> 5679
 <211> 446
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (150)...(24)
 <223> similar to gi3649785 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5679						
cccgccactc	ctgaggagaa	ggggacgcgc	ggcgcgctcc	tcaccgggcc	cgggcccagc	60
gcctatcgcc	gcccacgcga	gcctcacgaa	tccaggaatg	cggaacccga	ggatactgag	120
ggccactgta	cattgcaaaa	aaatgggaca	aaagacttag	tggaaagggg	ataaaaagctg	180
atgaagcaga	gcctgaggat	tttgtggtgg	aaaaagtact	acaccaaggt	gtggtgaaatg	240
ggaaggtgga	atattccctg	aagcggaaag	gatttacact	tgctgacaat	aattgagaac	300
ctgaagaaaa	cttagatttt	cctgagttca	ttgaactatt	tcttaatcct	caaaaaaact	360
ggtaaaggaa	aagatagtac	aaaaagaaaa	tctttatccg	agagtgaatc	tgatgacagc	420
aaatgaaagg	gatgctgctg	aaaaac				446

<210> 5680
 <211> 1979
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (405)...(1824)
 <223> similar to gi4154598 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5680						
gaaaagctgt	gttaaacttc	tctgcatctg	gaagtgtgat	ttcccttact	gggtccaatc	60
caatgcatga	tgctagcatg	tggcatctga	agaaaaatgg	aataattgta	tacctggatg	120
tacctctact	aatctaat	tgccgcctaa	aattaatgaa	gacagatagg	attgtagggtc	180
agaattctgg	aacatctatg	aaagacttac	ttaaatttag	aagacagtat	tataagaagt	240

ggtatgatgc	tctgtgtttc	tgtgaaagt	gggcttcccc	agaggaggta	gctgacaaa	300
tgtgaatgc	aattaaaaga	taccaagat	tggactcgga	aacattcatt	tcaacaagac	360
acgtttggcc	tgaagactgt	gaacagaagg	tttcagcaga	attctttatt	gaagctgtaa	420
ttgaggggtt	ggcttctgat	gggtggcctct	ttgttctgc	aaaggagt	ccaaaattaa	480
gctgcgggga	gtggaaaagc	ctagtaggag	caacctacgt	agaaagagca	cagatactgt	540
tggaaagatg	tatccatcct	gcagacatac	ctgctgccag	gttgggagaa	atgattgaaa	600
ctgcttatgg	ggaaaacttt	gcctgctcaa	aaattgctcc	tgtcaggcac	ctttcaggca	660
accagttcat	cctggagt	tttcatggac	caacaggatc	atttaaagat	ttgtctttac	720
agcttatgcc	tcatattttt	gcacaatgta	tcccaccaag	ttgcaattat	atgatacttg	780
tagctacttc	aggagacaca	gggagtgcag	tcttaaattg	ttttagtcgt	ctaaataaga	840
atgataagca	aaggatagct	gtggttgcat	tttttctga	gaatggagta	agtgattttc	900
aaaaagcaca	aataattggc	agtcagagag	aaaatggatg	ggcagtgggt	gttgagtcag	960
attttgattt	ttgccagaca	gctataaaaa	gaatttttaa	tgattctgat	tttactggct	1020
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<210> 5681

<211> 4567

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (329)...(3922)

<223> similar to gi3882179 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5681

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<210> 5682

<211> 3213

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3046)...(644)

<223> similar to gi5457357 in the genepept database release 114;

Run with FASTXY 3.3t00, default parameters

<400> 5682

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<210> 5683

<211> 2896

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (390)...(995)

<223> similar to gi4262296 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5683

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<210> 5684

<211> 3328

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3019)...(1805)

<223> similar to gi4098299 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5684

tttttttttt	ttgagatttt	caaaatattt	ttatatagaa	atttttttaca	aagatttttac	60
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ataaagaaag	tgctcatagc	aacgtattgc	agtcctccatg	aaagtgcata	taaacgggta	180
aggcaaagta	ccatcttggt	acagacatgt	tgcaaactga	cttttaaaac	aatttttttaa	240
aatatataca	aacttttttt	cttctattct	tctcaaaggc	atttgaaagg	gatactttta	300
tgaatattct	tgctgtagaa	caatgtagaa	ataacttctg	gggtataaaac	agtaaaaaata	360
aaaatattct	acctgagtgt	gttaaatacaa	gtgatttgta	aaacaaaaacc	ttcacaaagt	420
tggtctttct	acatgtaact	tgccaggctg	aaggcttaca	ccctcatggt	ctacaacaca	480
gatcactaat	gatgataaca	tgagttaaat	tggtattctt	gcccttctgt	gtggcttttg	540
gcttctagggt	tctatgacca	aactattgac	atatttgaaag	tctgtatgca	gtcattgtgt	600
gataaatcta	ctttacagct	ttgcttctac	ctgcagctta	catgataacc	atgctgtgaa	660
gtgctacata	tgcttcatac	aatatgttgc	cccatctgat	aataaaaaata	caaagggtgct	720
ctttaagcta	aaccataaac	cttatttagag	aattctagtt	aagtgttttg	tttttccaca	780
tacatgtaaa	taccttaaga	tcaataggat	caataaggat	aatattagtt	atcaaaattt	840
agtcttcata	cttgaagaat	ttgttttttaa	aaataactaa	gatgcaaaaa	aataaattag	900
ctagtcttga	acaagagtga	gttttgcaga	aaactgacat	atctgaattc	tagtacagat	960
aagaatctgt	caaatgataa	ctgaattcac	gtgactaacc	actctttttac	gtaagattgt	1020
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agttttttct	ttccaatttt	ttttccatgc	ctcaacataa	gggaaattaa	tcagttaatt	1140
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aatacgagca	agccaaaagc	ttcaggattt	ggagccagga	tgaccatgat	gaaatgcaga	1500
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tcaggtatct	tggtaggtgt	aattgactct	ccttgaatga	accttgatcg	gatatcttca	1800
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atcaaacagg	aaagctgtgc	caatcctgag	atcagacctg	tccgaaccaa	accacatttt	1920
cgacgtagcc	aagtaaaagc	tacagttccc	attattccag	ttatagctga	tgctcccatc	1980
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tcaaagccca	ggacagtcac	ataaaggaaa	gcaagacca	tgccagccag	aaacacaggc	2100
tggttgtagt	aggagaccca	tccatctcgg	aaggtagcga	agggtcagc	catctgggag	2160
gcacaagtag	gctcttgctc	atgttcaage	tcattgtagt	tagagtcttt	cacacccatt	2220
agatgagttc	cctccagggg	ttttggctca	gtatctttgt	gtaaattcag	ctgtttcaat	2280
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cagccgatga	ctggggagcc	aaatgtcata	atctggccaa	cagccatggg	ggctaagatg	2460
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aaatttgcaa	tatttgcaat	agtgatgac	aggatatagc	aggaagtgag	aaccttcca	2640
tggtagatgg	tcagaagctc	atgtttatgt	aagaaaacca	tcattcaggat	gattccacac	2700
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ttgtccaccc	agtcaccgat	gatggctccc	aggaccagaa	cagacctgc	caccaccagc	2820
ccgtagactg	ctgtcaaaag	gaggctgttt	ccatagagct	ctaccagaaa	cacagacacc	2880
gcaaagtgcc	acatccgatc	tccccaagta	gagagagaat	gaccaaggta	gagaagggaat	2940
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ccgcctctgg	tcatgacact	aggcgacccc	gctggctctt	ctgcggctgc	tatcgtgct	3060
gctgctctcg	ctgaggtgct	tgtaaacagg	agtgaagga	actggagata	gcacctctaa	3120
aaacacaaca	gccttgggca	aaaagactac	aacgacgact	ttggcaaaga	acaaaagaaa	3180

aggggcccag	ggattttctt	ttttccttct	ttccaaactt	agctaact	gtagctgaag	3240
ttggaaaggc	aaagccttat	ggaagcgggt	tgggaggctc	agcaggctcg	ccgagcctag	3300
cggacgcctt	gagccagctc	ctcgtgcc				3328

<210> 5685
 <211> 1727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1728)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1363)...(1553)
 <223> similar to gil770466 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5685	
cgagcgcgga	acgcgagggg ctgctggggg gtttgcgca gcgggttttc ctggcggtt 60
tgccgagctg	ctaggatgga gcaggttgcg gaggagcaa gggtgaccgc agtccctgtg 120
tcagctgccg	acagcactga ggagttggcc gaagtcgaag aaggagttgg agtagtgggc 180
gaagataatg	acgcagccgc gagaggagcg gaggcctttg gcgacagtga ggaggacgga 240
gaggatgtgt	tcgaggtgga gaagatcctg gacatgaaga ccgagggggg taaagttctt 300
tacaaagtcc	gctggaaagg ctatacatcg gatgatgata cctgggagcc cgagattcac 360
ctggaggact	gtaaagaagt gcttcttgaa tttaggaaga aaattgcaga gaacaaagcc 420
aaagcagtc	ggaaggatat tcagagacta tccttaaata acgacatatt tgaggcgaac 480
tctgatagcg	atcagcaaag tgagacaaaa gaagatactt ccccaaagaa gaaaaagaaa 540
aaattgaggc	agagagaaga gaaaagccca gatgatctga aaaagaaaaa agcaaaggcc 600
gggaagctaa	aagacaagtc caaaccagac ctggagagct ccttggaag tttagttttt 660
gatttaagga	caaagaaaag aatttctgaa gccaaagaag aactaaagga gtccaaaaag 720
cccaaaaaag	atgaagtaaa agaaacaaaa gaattaaaga aagttaaaaa gggtgaaata 780
agagatttaa	agacgaaaaa aagagaagat cccaaagaaa atagaaaaac aaaaaagaa 840
aaatttgctg	aatcccaggt ggaatctgaa tcaagtgtac ttaatgattc tccctttcca 900
gaggatgaca	gtgaagggtt acattccgac agcagagaag agaaacaaaa cactaaaagt 960
gcaagagaga	gagcagggca ggacatgggg ctggagcatg gctttgagaa gcccctagac 1020
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agaaaggctg	aggacactag agagaacagg aagctagaga acaagaacgc tttcttagag 1140
aagaaaactg	tgccataaaa gcagaggaat caagacagaa gcaaaagtgc tgcagagtta 1200
gagaagctga	tgccctgtatc tgcccaaacg ccaaagggcc ggaggttgag cggggaagag 1260
agaggcctct	ggtccacgga ctacgcccag gaggacaaag aaaccaaag aatgaatcc 1320
aaaaagccca	aaaaagatga agtaaaagaa acaaaagaat taaagaaagt taaaaagggt 1380
gaaataagag	atttaaagac gaaaacaaga gaagatccca aagaaaatag aaaaacaaaa 1440
aaagaaaaat	ttgtcgaatc ccaggtggaa tctgaatcaa gtgtacttaa tgattctccc 1500
tttccagagg	atgacagtga agggctacat tccgacagca gagagaagag aaaagcccag 1560
atgatctgaa	aaagaaaaaa gcaaaggccg ggaagctaaa agacaagtcc aaaccagacc 1620
tggagagctc	cttggaaagt ttagtttttg atttaaggac aaagaaaaga atttctgaag 1680
ccaagaaga	actaaaggag tccaaaaagc ccaaaanaaa aaaaaa 1727

<210> 5686
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (337)...(279)
 <223> similar to gi4691243 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5686
aagaccacat ttccctcatc cctgtgtccc ttgcggcagt tgcctgaggt cagaggggtac      60
agtgggtcaac ctctgactga ccctctcatc tctcttttga gatctcataa gtgcagggga      120
aaggggtggg gcagcagctc ctatccttcc ctcccagccc tactccgggc ccggtcagct      180
cctggccact gtactcaccg aagctgtggc ccagaatgga gaatcgattc catttcaagg      240
ctggaaatgc aaggagccag aaggtccggc tgggcacagg ctcagcccac gatcttgctt      300
ctagtcccca ggctcaggaa atcccttccc agcatctggg gtgtccaccc aggagactag      360
cttgggggac ccactggagg aagcgaactc ttcaactttc ccaagatctc ccgtgaattg      420
ctggcagacc tggggccaga gcccaggccc cactctcagg ccagcgctgc ttcctggatc      480
ctaccccgcc tccagtgaata agagggggtg ccctagagca cccccacac cgccgaaaat      540
acacactctg tttcttacct gccacaactc ttcggatctc actcacaaaa gtctggaggt      600
aatatgggac acctgggctg taatgggacg agagcccatg acctccgaaa tccatggcaa      660
cgtaataaaa gtctgattca gtgaataaaa cctaattgctt cccggaaata aaaaaataat      720
actgcctaaa cctcccgggc cgcttggttat aaaggggccc atcaacaccc ccaaataacc      780
tttgtttgtc tattatagat cccaaccttt tatgtttg      818
  
```

<210> 5687
 <211> 1836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1786)...(0)
 <223> similar to gil006659 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5687
tttttttttt ttgaaggaaa ggaactttca atgagaaatc aaaacacagg ggaaccaaag      60
tgcaaatcat ccacccccca tggggggggc aatcctgaac cccacatcat cccctcagcc      120
cccttcaggc ccccgagcga ggcccagggc tcggatgctt ctgcctcagg tagctcttga      180
  
```

gctgggggca	ggccctctct	gggacctcca	gtttcttaga	aaggtagacg	gcagggagct	240
tgaagcccat	tcagggccta	gggtgccgtt	ccctcagggg	cccttcgagc	ccagtcaggc	300
acccggggccg	tcccggcagt	aaatgcccag	ccgttcccgc	aacaccagca	ccaccctctg	360
ggcaagggtc	tcgagtagtg	gcgctagagg	cagcctgggc	cctgtgggca	ggacccttgg	420
tgggtatggc	aggaaggggt	cctgggtcct	cacgggaagc	acagcaccag	agctgctggc	480
gcacagcagg	aagtctgtgc	agtagcctgg	aggcacagtc	aggtcctggc	ggtatttctc	540
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ggcacggtcg	gtgatgagag	gctggggaaa	gatgggcact	tgctgccttc	ggggaaggcg	660
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acgcacaatc	agagcatgag	gggtgccact	gatgtagttg	atgaagccag	gggaaaaaac	780
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tgtagccagg	ggtgccaccc	ctgcttcccg	agccaggatc	ctctcaaggc	agggcataaa	900
ctgctgttcc	aggggcaggt	agttcagtcg	cccaaagggc	aggaccaact	tctgtaccac	960
cttgcctgctg	agttgcgttt	cctgaaccac	caggaagtgg	gcaatggctt	ccagaagctg	1020
gggctcccgc	aaccggtgcc	gggccaggtg	ctgggccagg	agcaccatca	cgtggggagt	1080
cagttcctct	ggccttgccct	ctgccaggtc	gctgatcaga	tgctgccgtg	gataccgcag	1140
aaaacggggg	cagcttagag	cagcttccaa	cccttgccca	cctcggagaa	ggggctgcaa	1200
agggggaggt	ggcttcggag	ggaggcggag	ccctcgctcc	tgttccaggg	cacacaccag	1260
gggacccatca	gatggaaagc	caagtaagac	tgcaaggtgc	agacacacgt	ggatggtgtg	1320
aatgtcaaag	gaggggcagt	ttcggatgat	gagctgactc	aagtccctgca	gtgtgacctg	1380
ctccacagga	ggggggccgtg	gccgagaccc	caagagctgg	cccagacgac	gaagcgccac	1440
cgagttagtg	tgggcgcgca	ccttgctggg	gttctggccc	agccagcgca	gcagctcccc	1500
agggctcttc	gcctgttcca	gaagccgctg	cagtccttgc	acaggacctg	cactggggcc	1560
tcctccaaca	ggccggtccc	cccatttgct	gggccccaaa	cagcagggct	gtactggagg	1620
gatcagcagc	aggccagaca	gccgagcagg	ggaggtctga	gcagagagca	ggactcgaag	1680
catggagttg	ggtgatggag	accatgactc	cccgggccct	gcgcaggtcg	ctccctcagt	1740
cgggtctcggg	gcccgggggc	cgggttcccc	ccgcggcctc	ctcatcgggt	agccaccgag	1800
tccgccatct	tccccctcgt	gccgaattcg	aatcga			1836

<210> 5688

<211> 1450

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (667)...(1239)

<223> similar to gi4826524 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5688

ccactctgct	cagctccgct	ccaggaaggc	cacctcctcc	tccccctect	cctcccgtcg	60
tcaccactca	ccgctcataa	cctcaagggg	gtggggaccc	cagggctgga	cacacccccc	120
cgtggcccca	gagctcagcc	ggtcgcacgg	acggacagtt	ggaagccgga	ccccagagcc	180
tgaggtgggc	agtgtgccag	ggtcccttgc	ggcctcctca	agccctgtcc	aggctatggg	240
catcaagaca	gcattgccgg	cggctgagct	gggcctctac	tctctggtgc	tgagtggggc	300
cctggcctat	gctggccggg	gcctccttga	ggcttcacaa	gatggggccc	acaggaaggc	360
cttccgggag	tctgtgcgac	ctggctggga	gtacattggc	cggaagatgg	atgtggctga	420
cttcgagtgg	gtgatgtggg	tcacctcctt	tcgcaacgtc	atcatctttg	ccctctccgg	480
acatgtgctg	tttgctaaac	tctgcacgat	ggttgcccca	aagctccgct	cctgggatgta	540

tgctgtgtac	ggggccttgg	ctgtgatggg	cacaatgggc	ccttggtacc	tgctgtgtgt	600
gcttggtcac	tgtgtggggc	tctatgtggc	ctcgcttttg	ggccagccct	ggctctgtct	660
tggccttggc	ttggccagcc	tggcctcctt	caagatggac	cccctaactc	cttggcagag	720
cgggtttgta	acaggcactt	ttgatcttca	agagggtctg	tttcatgggg	gcagcagctt	780
cacagtgtctg	cgttgcacca	gctttgcact	ggagagctgt	gcccaccctg	accgccacta	840
ctccttagct	gacctgctca	agtacaactt	ctacctgccc	ttcttcttct	tcgggcccct	900
catgaccttt	gatcgcttcc	atgctcaggt	gagccaggtg	gagccagtga	gacgcgaggg	960
tgagctgtgg	cacatccgag	cccaggcagg	cctaagcggtg	gtggccatca	tggccgtcga	1020
catcttcttt	cacttcttct	acatcctcac	tatccccagc	gacctcaagt	tcgccaaccg	1080
cctcccagac	agtgcctctg	ctggcctagc	ctattcaaac	ctggtgtatg	actgggtgaa	1140
ggcggcgctc	ctcttttggtg	ttgtcaacac	tgtggcatgc	ctcgaccacc	tggaccacc	1200
ccagcctccc	aagtgcacac	ccgcactcta	cgtctttgctg	gaaacgcact	ttgaccgtgg	1260
catcaacgac	tggctttgca	agtgagtagg	agtgggggtg	gggtggtcac	agccatcttg	1320
ccaggtgtct	gagcagggca	gtgccaagat	gggtccacat	tttaaaagat	cacccctggg	1380
ccaggggaag	caaagagggc	agtgaggagg	tatttgcaga	gggtctggtg	aaagatatag	1440
aagttaggac						1450

<210> 5689

<211> 1883

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1884)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1113)...(971)

<223> similar to gi4335756 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5689

actcaccaac	cctccccttc	caaccagaga	aactcactgc	agtatctcct	tgaaagtctg	60
gtgacgtgtc	tgtctaagtg	ctgggtgagag	gcacaggacc	aactgagggc	ctcacgcagt	120
acccttggcc	acaggggtgcc	cgcctaagcc	cacacctgct	gactgcaaca	agcccatggc	180
caggacggaa	cacagagaag	ggtctgaggc	ctggagcgcg	ccatgaaggc	catggggcaa	240
gtgaggtctg	ctgagatagc	gcaggtctgc	ggagctgaag	tgcagctgca	gaggctggtc	300
tgggtgctgcg	agaactggaa	gaagctggga	gctgtgggtc	ctgtccacag	agatgctgga	360
aactgtggct	gggagtggtc	ctgaggccgt	ggagagagag	catctctgcc	ccacggcatc	420
tgcgggtgag	ggcaaggtcc	tcaccagaca	agtgcagctc	caagtccag	atgttgggct	480
ttttcttggg	actgagacag	cagtggggca	gggtggggca	gtggcaggaa	ggcagggagc	540
ctctcttgc	acctcttctc	catgctctgc	atctgcagac	tgagggaggt	gaagctggcc	600
aggaggtcag	tcacttcac	cacctgctct	ttggtactgg	tcactctgcag	gcgggtgcag	660
aggtcatcca	ggcgttctcg	ctgctcatgt	tgccttaggc	gctccagata	ctccctcagc	720
atatggatga	tctgcttcac	ctccagacgc	acagccttta	ggcactgggc	atggccctcc	780
tgcaggatat	tcagctttga	cttggccagg	tgcaggggtg	tgcgaccagc	tcggtccagg	840
gcactacac	gggcccctcc	tcgtagcagt	gtggtgatga	caggaacgtg	gttgggtgcag	900
gccgccaggt	gcagtggcgt	gttccccagc	ccatctcgct	ggttaggatc	agcaccatgg	960

tccaggagca	gctgcacaat	ctggtcattg	ccattgcatg	aggcaaagt	tagagctgtg	1020
cggcccttgt	catcagctgc	acagggatcc	gcgccatctt	ccagcagctg	ctgcactgtt	1080
tccacatcat	tggcattggc	cgagtccttc	agtctcttca	gagcgtgcac	ctccttgccc	1140
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cctggcgaaa	gatccttaac	ttcattacat	ctgcaaagcc	cctttggggc	atacaaggta	1380
atthttgacag	gttctctggga	ttaggacatg	ggcatcttgg	gaggccacta	ctggcctacc	1440
acaactgggg	gnagcaaaac	taattacacc	ctccggtata	atagtttttg	gtgtttcaat	1500
gactgggagg	aaaaggggtt	ggaatttttt	ttgctttggg	ggtccctctt	aaccttgat	1560
ttttaagggtc	tgggactcac	caaccccttc	cccttccaac	cagagaaaac	tcactgcagt	1620
atctccttga	aagtctggtg	acgtgtctgt	ctaagtgtg	gtgagaggca	caggaccaac	1680
tgagggcctc	acgcagtacc	cctgggagtg	gcttcttgag	gccgtggaga	gagagcatct	1740
ctccccacgg	catctgcggg	tgagggcaag	gtcctcacca	gacaagtgca	gctccaagtc	1800
ccagatgttg	ggctttttct	tggtactgag	acagcagtg	ggcaggacgg	aacacagaga	1860
agggtctgag	gcctggagcg	cgc				1883

<210> 5690

<211> 1633

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (591)...(1277)

<223> similar to gi3874290 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5690

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tgcacacctg	ctggtacgag	caaaagtagc	cgacaggcca	gagtttccag	tttcggtggc	120
ttcgtaggct	tttagcttct	gaaatccgct	aaaagcggcg	gttcattcat	cttcaagtac	180
ctagcctgac	tggtagggct	gtcagcatt	ccgaaacatt	tcgacctggg	gagggggggc	240
gcggtgaaag	aatactttct	gtagagagtg	ccctcgcgt	cgccctgct	ttgaaggctt	300
tatgtattaa	cggaatgccg	aacatttgtg	tcctacttgc	tgacagcgca	caggatcctt	360
ctaacagtat	ttctcaagta	cttaacaaaa	agatgaaaac	ttgaagtcca	agccgtgctg	420
ctgattccgt	ctcacagttt	aaagactgtc	cagaaacttt	aagctttcaa	aactgtacat	480
tttaaaatcc	tgtgcgttta	tcttcatttt	gctgggcaga	aagccaaagt	actggactgc	540
ctggttcagg	gctgaacgcc	tagtacacct	gctaacttgg	agcttcagag	ccatggcaac	600
caaggagtca	agagacgcca	aagcacagtt	ggccctctcc	tcacgggcca	atcagagcaa	660
ggaagtgcct	gaaaacccaa	actatgctct	caaatgtact	cttgtgggac	acacggaagc	720
agtgtcatca	gttaagttta	gtcctaattg	agaatggcta	gcaagttctt	ctgctgatag	780
gctaatacata	atttggggag	catatgatgg	aaaatatgag	aaaacactct	atggtcataa	840
tttggaata	tcggatgttg	cctggtcac	agattccagt	cgtcttgttt	ctgcctcaga	900
tgataaaact	ctaaaattat	gggatgtgag	atctggaaaa	tgtttgaaaa	cactgaaggg	960
gcacagtaat	tatgtctttc	gttgtaactt	caatagcatg	tatatattac	acactttcat	1020
gaccattaat	catctcctaa	aactggggaa	agctctctaa	aacctcttaa	gagtaacctt	1080
atccgttacc	ctattccacc	aacctctttg	tccttttctg	tttcaagcaa	ctttgagata	1140
ccgacttctc	tatggaagct	taagccgtag	atgctaaaac	aaacgtttgc	tcgttactcc	1200
cagcagagca	ccggctttta	aaggacctca	acagacacgt	ttcttaacct	ttacgaaact	1260

tttccagggg	aaacttaaac	caggaatddd	acaatctggc	ataaattctg	tcacccgccc	1320
cgtgactcca	tgcacacaca	tgcacactgg	ctccacacca	caacaaacag	gagggagcgg	1380
aacccatgca	aagcaggagc	ttcccccggt	tccggcgtct	gggtggatct	acgttagctg	1440
ccgttttaggc	agcttacgcg	tcaggtgtgg	gcctacgcct	gcagctaagg	taggcacccg	1500
caaactctagt	ccttctctgt	gacaatttcc	aaaaagaaat	ggtttttgaa	acaacgatcc	1560
actgcttccc	acactatcca	gttaggtccg	ggacagaccc	tacccagcta	atgcactcac	1620
ccaagaaggc	agt					1633

<210> 5691
 <211> 821
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (649)...(776)
 <223> similar to gi9453 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5691						
ggcctctccg	gaagcctgtg	gcattcctgg	cacctccaag	ccatctgctc	ttcagcctct	60
gggcccagga	ctagactagt	gctaaaatag	ctgctcctgg	gaggggctgg	acccccaccg	120
tgggcagaga	gggctctg	tttttggggc	aggagggg	accctggcag	ggtaaaaaga	180
gataaacaga	aaaacaacag	caacaataat	agtaacaatc	cgggggtgtt	gccatggggc	240
ctgttctgaa	caggctgcgc	ccagctcact	gcgaggaagg	acgcttagcc	aggccctggc	300
tgaagcctgc	agctgggctg	gacacagcag	tcattggcct	gtgttggtgg	ggacttgggc	360
ctgccatggc	tgcagtgggg	accctgcctg	agacagacag	agctgggggtg	gtgaccaaca	420
ccgtcggggc	accctgcag	gaactggg	tggtgaactg	cccagggacg	gggaaggagc	480
aggggtgaggc	atggggaccc	cgacacaggt	tgagcagcgg	gagaggaggc	tgaggagggg	540
aaggaggggg	cccgcagagt	agccccaga	ccccaagtcc	ggtcagggac	aagcttggtta	600
gctccagggt	catgtcacaa	cctgcagggc	tcctaagttc	aagctttttt	aaacttaatg	660
ggcaaactga	gacgcaacac	aaataggctt	ctgaccttgg	tgtctgagtc	ctggatctga	720
agtccctcac	ggcactcact	gtgagccctt	cttagacgca	ctgcacgaag	tgagcttgcc	780
agctcttctt	ttaagaaacg	tgtaggccc	ggcgcggtgg	g		821

<210> 5692
 <211> 2245
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (182)...(1677)
 <223> similar to gi3881161 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5692
aacttcctgt tgcagatcc cgcggggcctt ggccctctgcc cggccacaga gccggagctg      60
gaggtgctgt cccgtctggc ggcgatcccc gggcagggcc cggggccggg gtttgaagat      120
gctgaacgtc ccttcccagt ctttcccggc ccccaggctg cagcagcgtg tgcctccgg      180
ggggcgtagc aaggtacctt taaaacaggg cagaagcctt atggattgga ttcgactgac      240
caaaagtgga aaggatctaa cgggattaaa aggcagggtta attgaagtaa ctgaagaaga      300
acttaagaaa cacaacaaaa aagatgattg ttggatatgc ataagaggtt tcgtttataa      360
tgtcagccct tatatggagt atcatcctgg tggagaagat gaactaatga gagcagcagg      420
atcagatggt actgaacttt ttgatcaggt tcatcgttgg gtcaattatg aatccatgct      480
gaaagaatgc ctggttggca gaatggccat taaacctgct gttctgaaag actatcgtga      540
ggaggaaaag aaagtcttaa atggcatgct tcccaagagc caagtgcagc atacacttgc      600
caaagaaggt cctagtttatc caagctatga ttggttccaa acagactcct tagtcaccat      660
tggcatatat actaaacaga aggatatcaa tttagactca ataatagttg atcatcagaa      720
tgattccttt acagcagaaa caattattaa ggattgctta tatcttatac atattgggct      780
aagccatgag gttcaggaag atttttctgt gcgggttggt gagagtgtgg gaaaaataga      840
gattgttcta caaaaaaag agaatacttc ttgggacttt cttggccatc ccctgaagaa      900
tcataattca cttattccaa ggaaagatac aggtttgtac tacagaaagt gccagttaat      960
ttccaaggaa gatgttactc atgatacgag gcttttctgt ttgatgctgc caccaagcac     1020
tcatcttcaa gtgccattg ggcaacatgt ttacctcaag ctacctatta caggtaacaga     1080
aatagtaaag ccatatacac ctgtatctgg ttcttactc tcagagttca aggaaccagt     1140
tcttcccaac aataaataca tctacttttt gataaaaatc tatcccactg gactcttcac     1200
accagctt gatcgtcttc agattggaga ttttgttct gtaagcagtc ctgagggcaa     1260
ttttaaata tccaagttcc aagaattaga agatctcttt ttgttggcag ctggaacagg     1320
cttcacacca atggttaaaa tactgaatta tgctttgact gatataccca gtctcaggaa     1380
agtgaagctg atgttcttca ataaaacaga agatgatata atttggagaa gccaattgga     1440
gaaattagca tttaaagata aaagactgga tgttgaattt gttctctcag cacctatttc     1500
tgaatggaat ggcaaacagg gacatatttc accagctctt ctttctgaat ttttgaaaag     1560
aaatttggac aaatccaaag ttctcgtctg catttgtgga ccagtgccat ttacagaaca     1620
aggagtaagg ttgctgcatt atctcaactt ttccaaaaat gagatccata gttttacagc     1680
ataatgaaga gctgtcattg tcttttattc aactagttta tctaaatttg tgattgctta     1740
gggtttttta agagaacatt tttgtacata acaaagggtt aactagaatc cagccttcag     1800
tttcttaaat gaaatcaaat gttccttcag tacagggtta cttcttgggc tttcttttgg     1860
taccacaact tatttttact actgatattt gacccgggaa agttaatcat ggcaacaaat     1920
acatacagga ttctttgtta tgaatcaca atttccttgc catttaaatt atatcactgt     1980
tctacaataa gcacttgtgt tttatgacat gataaagtaa atgatcactt cgatcatgtt     2040
tctatgctgt aaaatgtctt attagcaata cagattaaat ttaccttgc actgttaact     2100
caggaaatga tcatttatgt ccttggtatt aatgttaaaa catagaatgt tataacttat     2160
taagtgatcc aaacattttt ttgtgtgtgt atggcattga tgcagaatag aataaaatta     2220
tacttaagtt ctttttaaaa aaaaa                                2245

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```

<210> 5693
<211> 630
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = a,t,c or g

```


<220>
 <221> misc_feature
 <222> (361)...(110)
 <223> similar to gil345538 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5693
 tttttttttt tttcctagag aagagacgaa ggtgattcag ggccgagcag ggctccctgg 60
 gaagccccct cttcctgccc caactttatt ttggttctag aatcattcca gttggcatac 120
 ccggtcccca ccacggtgt cctgggcaca cagttaacat gtcattgcagt tagggggagg 180
 gagagagggg agagggcagg gggggagtca gtggcctgca ccgcacagcc actgggttag 240
 agaaagtcgg ggtctcccag gctgcaaagc cttgtccagc catgtgtctc ctggccctgg 300
 gctgacctcc tgctgtggcc atagggtaga cagcctggcc ttggggctgg gccatggctg 360
 tgtcaggtag ggaaagccac catcctgcct ccagtcccct gggcccttgt tctagcccct 420
 cctcccccca tatcactggg gataatttgt tggcctgggt ctccatagct caccagttat 480
 ggaccaagga acaggggcag ccagcctgag ggtccatgct gtcacctgtg ggtggcccca 540
 ccgagcagat gatcggacgc ctttcgaccg gnattccnnc cngncgnent cgaggatctc 600
 agggctcagg nnnncggccc ccgttcccc 630

<210> 5694
 <211> 2069
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (325)...(1347)
 <223> similar to gi4104615 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5694
 caaggagcac aggtcctcgt tcaggacgat gtaatccttg ccattcgtaag caagctggtg 60
 ataccgcgag agtaggcgcc cgtccgaccc cagctcgcag acagacatcc tctagatggg 120
 tgtgagacct tggccccgcc ccgcgggcca gccccgcca ccgagccccg ccctcgccag 180
 gaccaacctg cggggatttt ggctgaaaat gaaaccgggt aacggctcct gggcctctcc 240
 cgggtcaagg gtctccacgg tcccgctgcc tcggcgtagg tctcggaccc agagactcgg 300
 ggagaccgag gcggtccgtg ggggatgtgg aggggtagtg acctgcgccc ccggccggtg 360
 tcaactcacag gctcactct ggtttctaag taagcgcctc agggtcgcga agtttcaactc 420
 ggtaaaactg tgctttggcc ttggcggttc cctgtctcct tcttcccaat attccggccc 480
 ctctgctcc atccacggcg ccgcgggctc catcctggga ctctgtggcg cgtgtcgag 540
 ccgcacgcac tgcgtgtcgt ccacgtcgcc cagggagagg aagcggggat ccgcgcggcc 600
 gggccgggac atgggtggtg ggaaatacct caaggagtgg aagcctggga gcaaggaggg 660
 ggctgagacc ctcccgaccc tccctccggc accgcaaccg ggttctctcg cccccgccg 720
 gcaggcccct agctactccc cacagacgcc gtttccctcc cgaccccgca ctcaactgcc 780
 caggtctggg tcaggaccag ggcccccgag agcagcagaa gcagggttcg gggcgccatg 840
 acaccatcct cggcgactgg ggagaatcgg agtcccgggt ggtgcgtggg aactttagaa 900
 ccgggaccgc ggctacattg attggcttct ctaggaaacc gacactcaat gggagtgaga 960

actggggcag	cctggtgagt	atccaggaag	aaggacccga	cacaggttgg	gagagggaga	1020
agagaaaccc	tgcgagatg	gggaatcccc	agcgctgggc	ctccccaatc	catacaccgc	1080
ctttggggcc	tgagatcctg	agagccatgc	ctgaggccct	gagagccatg	cctgaggccc	1140
tgggacttcg	ccctgacccc	gctacttctg	tgccaagcgc	tctgtctcaa	cgtttccgag	1200
tcttggccca	ggagctgtct	gagaaaccag	ggagaaaccc	tcggaatggg	ccccgtccct	1260
ctctcttcac	tttgcacac	ggaatccccg	tcccagaact	ggactccctg	cctcctactc	1320
cttacctgtc	cccgtggact	cttctagaag	aaaaatcacc	ccagggagct	tgttgccaga	1380
gagtgaagctt	gccctgggaa	tggaggtgta	gagacagggt	tttttgttgt	tgttgtttgt	1440
ttgtttttta	aatctggaaa	agttgtgcct	gagtgcata	gatagaatag	agaccagttt	1500
gctttttgtt	tattaactac	agtgggtagc	agaatcttgg	taactcctaa	tgatcaggaa	1560
tctaactcgc	caaaaatgtg	actttggtcc	cttgacatat	aaatgtgtct	aaaagcatta	1620
caacaggaat	cacaaagctc	ctaagtttca	ctttccaga	caatgtatct	gtgactcccg	1680
cttgtagtat	tttaaattta	ccttcattcc	atagccctgg	agtttctgtg	tgagtccagg	1740
acatctccta	atacaaggta	gccactgtgt	tactatatgt	tgtaaccagg	agccagtacg	1800
gactttattc	atctcacagt	ggcaagcact	caatgcagtc	acaatgcccc	tcaccagtgc	1860
tcattgactg	cctgttttta	ggaagtatcc	acttctaagt	gttgtgtata	ttttatatga	1920
acacttagta	ttttttaaac	ctgattaaca	taaaaaaatt	agtttttagg	cagaccacaca	1980
taaggattaa	aaggccaact	gcaaagatca	ccctgcaagg	ctctgtagat	tgatgtatta	2040
aaatatataa	aacaatgtgt	ttaaacctg				2069

<210> 5695

<211> 1089

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (636)...(932)

<223> similar to gil255991 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5695

taattgaaat	cgtacagcgt	tgcggaattc	gcaggattaa	tcacataagg	agactgtttc	60
atgcttgagg	taaggagtgc	ttagataaag	tgagagaaat	gggaatagaa	agataggcac	120
atacattttc	caagaaagaa	tgatctgaat	tgagttattg	attgaatata	ggatataaag	180
aagaaagtaa	caaagaaggac	tgagtttttc	aacctatgaca	cctggaagga	aaaatagcag	240
agacagggaa	aagagacaga	gacaaggaaa	aaaaaagaga	cagagacaag	aaaaccattt	300
agggaaataaa	gtcttaagtc	tggttttgga	catattgagc	tggagtagat	ggcataaaat	360
ctatcctcaa	ggaaaagtga	ctgttcttga	acacaggggag	ccgtcctgat	ctgtcatcct	420
tcttgaatct	gtctagtgtc	gaaagtactt	actactggac	cctgttttct	ctgagcagta	480
taatatggct	tctttactat	taatctaaat	ttgggcta	tttatatatt	tttcaaaagg	540
cattgatttt	ttaaagagtt	ttttaatcat	taattcactc	tggtaatata	agtaatacct	600
ttatatagtc	atctaaactt	tccaaagcac	ttttacctat	tattctcaga	acagtccagg	660
aaagtaggca	aaacagacat	tatcaccatt	ttatgaggta	ctggatgcta	aatgacttgc	720
tcagcgtctc	ataactggta	agtagcagga	tcaggtctga	aatccatttc	acctggcctt	780
agatccatct	ttgagggtct	ctttatctga	taggtctctc	gtcttgata	ggcaaaggaa	840
ggatgaactg	gagcagagga	tgctggccct	gcaggagagc	aggcgggagc	tgatggtcca	900
gctggaagag	ctgatgaagt	tgctgaagg	aagagcccgt	ggcccacgct	cagttcttgt	960
cattcttctc	ccaccacagc	ctcagctgct	gcctccagta	aattttcatg	ccacagagag	1020
ttctttcatt	ctgctgcttc	aggaaactat	tatgtacttt	atcttctatc	cattcctgag	1080

<210> 5696
 <211> 1596
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1392)...(946)
 <223> similar to gi5102729 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5696
 ctccggcggc gcgtcccccg agcttggtac ggctcagccc gtctcccccg aagccgcgcg 60
 cccgcgcccg cgccctcag tcggtggagc ccgcagcccc ccttggtggc cgccgcagct 120
 cccgcgcccg tcggcccgcg cccgccatgg tcggtccgcg ccgtgccccg taccgctccg 180
 gcgcccgggg cccctcggg ggctcgcggg gccctccgcg gccctcgtg gtgcgcgcg 240
 tccgctcgcg ctccctggcct gccagcccc gagggccgca gcctccgcg gatccgggcc 300
 cgctcggccc ctcccatgga aggtgctcgg gtcttcgggg cactgggtcc catcggtccc 360
 tctcacctg ggctcacct cgggggtctg gccgtgagcg agcacggct cagcaacaag 420
 ctgctggtt ggagcggcg cctcgagtgg caggagaagc gcagacccta ctctgactcc 480
 actgcaaagc tgaagcggac cctgccctgc caagcctacg tgaaccaagg cgagaacctg 540
 gagaccgacc agtgcccgca gaagctgatc atgcagctga tccctcagca gctgctgacc 600
 accctggggc cctgtttccg gaactcccag ttggcacagt tccacttcac caacagagac 660
 tgcgactcgc tcaaggggct ctgccgcac atgggcaacg gcttcgcggg ctgcatgctg 720
 ttccccaca tctccccctg tgaggtgcgc gtgctcatgc tcctgtactc gtccaagaag 780
 aagatcttca tgggcctcat cccctacgac cagagcggct tcgtcagtgc catccggcag 840
 gtcatcacca cccgcaagca ggcagtggga cctggtggtg tcaactcagg cccagtccag 900
 atcgtaaca acaagtttct ggcattggagt ggtgtcatgg agtggcagga gccaggcct 960
 gagcccaaca gtcggtccaa gaggtggctg ccacccacg tctacgtgaa ccagggggag 1020
 atcctgagga ccgagcagtg gccaaaggaag ctgtacatgc agctcatccc gcagcagctg 1080
 ctgaccaccc tagtgccgct gttccggaac tcgcgcttg tccagttcca cttaccaag 1140
 gacctggaga cactgaagag cctgtgccg atcatggaca atggcttcgc cggctgcgtg 1200
 cacttttctt acaaagcatc gtgtgagatc cgcgtgctta tgetcctgta ctcttcagag 1260
 aagaaaatct tcattggcct catccccct gaccaggga actttgtcaa cggcatccgg 1320
 cgtgtcattg ccaaccagca gcaggtcctg cagcggaacc tggagcagga gcaacagcaa 1380
 cgaggggatg gggggtagt gttaccccg gctgggcccc tccaggagtc acagatgagg 1440
 ccccgcgaga gactggtgac acgcttctga gcaggggcc ctggggactt caactgcca 1500
 gcaacatgga ggatggtgtc ctgaggcctc caaggacggt cccacccct ctacgtttcc 1560
 ccaataaagc cttttaaaaa cctgccaaaa aaaaaa 1596

<210> 5697
 <211> 3681
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (936)...(2673)
 <223> similar to gil196425 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5697

cacttctgta	atatgcttcc	ccctgaacag	atctctccct	ccccctctc	cacccccaaa	60
atgcttaaaa	ggtaacctga	ctctttgttc	tgggctcagt	ccttttgata	ttaatctgac	120
tgggttggct	ggtgcaccta	aataatacat	atctctcct	caaccccatc	ggtctctctg	180
attcctaaat	catcccaaaa	catttctggt	ggcccatatg	gggattggag	ataacagatt	240
tactgtctcc	tttggccatg	ggactagggc	cctggggctg	tgggaagacct	ggcatccaag	300
gcatgccatg	ggggagtttc	accgggatgg	agactggctc	tccccgcac	ctgcccagca	360
gtgcaactga	acctgagatg	gggctgcagg	atgacaccag	cacttcagga	accgcggtgt	420
cacaccttgg	attcaccata	gctggctgaa	actagcagca	gcagtgactc	ccgactatga	480
ccagtggatt	aaccaacaag	accctgattg	ccccaccgga	atagacctac	ggcgaatccc	540
aaccaccagt	aagaaggaca	actgccctgc	tctgaccaca	ctggaggctg	gtcagtctac	600
acatggctga	agcttgaaga	tcttgcaagc	tcttgctctt	agtcacatcc	tggaaagctga	660
ctagtctaca	cacagccgaa	gctaagagga	ccatctctag	ataagtaa	gtagataaaa	720
tttataagcc	tagttataat	tgttctgttg	ttacattatt	actgcaa	ctgcaa	780
ccatgcccag	aggaaggttt	gccattcctg	tgtgtagtgt	aagcatgttt	ctattacata	840
cactaatgtt	gttaccattt	ctgcctatac	tagaagggga	gaaatctcta	gaaggatgcc	900
cacactgtgt	acatactacc	tgggtaagga	ataccatagt	taaaactcta	ctgtaccata	960
cctacagtac	aggaaccaag	ttaggaacct	gcacatacaa	ccagaccacc	tattcgggtct	1020
gtgaccagg	aaataatcag	ctatatgtat	gttatgacct	taagctctta	ccctatgaat	1080
tctggtttga	aatacatatt	aaatcagagg	gagaaaaaga	aggagagtta	tagctcgaac	1140
aaaagaagcc	cctccctcct	gtaaagggcc	tatttccttg	tactttgatg	cctgctatgc	1200
tgcataatgtt	cacaatccta	aaaaaaaaacc	agaagccagt	ctgcaatggt	gtaacacaag	1260
agaggcttag	caggagcagc	cctaagcatc	tgtacaaaga	accacaaatc	ggatgccag	1320
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ctctgctaag	tagtatgtta	accaaacc	actgtaagac	aagaacatgc	aatcctttac	1440
attttactat	cttaaagcca	gagatacctt	tctggtctac	aggacagaca	gcactataac	1500
gacttgatag	actaggagca	ggccttggag	ttccactact	aattgtcaaa	aagactaaaa	1560
ggactcaaat	gcacccaacc	ccgcaattct	gggtccataa	tcattctata	agcatttgga	1620
taagccagt	cctgagcttc	ccccaccaac	caaaaactta	tttgctcaac	tagctgaaaa	1680
catagctggc	agcttaggaa	tttcctcatg	ctatgtacgt	ggaggaaacta	atatggggaa	1740
ccagtggcca	tgggaggcaa	aggaattaat	gccacaagat	aacttcactt	cgcttaaccc	1800
tgccagtga	ccaacagcct	cagccagtgt	ttggttggtta	aaaacctcca	taattggaaa	1860
gtaccgtatc	gccgttggga	aaggctttca	cagaggcagt	aggagaaata	acctgcctag	1920
gcaacagtat	tatgatgaga	ctaaaaacaa	aactctatgg	agaagcacc	agaattactc	1980
ctacttacca	gatccaaatc	ctttatctct	attctctacc	ctaagccaca	cttggcatca	2040
actagagggt	ccaaatgctt	cgaaagcacc	ctctggccta	tattggatct	gtggagcatg	2100
ggcatattgg	caactgccag	ctaaatggac	aggagcatgt	gtgtagtaac	aatcaagcca	2160
ttcttctttc	taattcctct	aaagcaaggg	gaactcttat	ggtatccagt	tgatgatgaa	2220
aataaaagaa	gaactagaag	agcataatca	caaaaataga	cacaaatgtc	aaaaaggatg	2280
tggacatagg	agactggaaa	gataatgaat	ggcctcctga	aagaataatt	aaatattatt	2340
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actgcatcat	aaggttgca	gcagtctttg	aaattataac	caatgaaaca	tcaagggcac	2460
tagattttatt	ggcaatacaa	gcaacacaaa	tgagaaatgc	tatatattga	aatagattgg	2520
cattagatta	tcacttagcc	tctgaaggaa	gagtatgtgg	aaaattta	ttaaccaact	2580
gttgccataga	aattgcta	aatggccggg	ttgtcatgga	aatcagagct	agaatgcaca	2640
agttggccca	tgttccaatt	cagacttggg	cctaattggc	cctggattct	ttgtttggag	2700
gatggttctc	aacctttgga	ggattcaaaa	ccctcactgg	tgggtttttg	tttattcttg	2760

gcattctgctt	cattctccct	taccttttac	ccctgtttat	taggaggatt	cagtcaacta	2820
tagaggcagt	aataactcaa	cacactaccg	cacagttgat	ggcattaacc	aaatatcagc	2880
cactgccagt	agaagaagct	cagctctgtg	aagagggtggc	aaatagtggg	gctttctatt	2940
aacacctttg	ttataaaaag	caacaaaggg	gggaaatgga	acaggaatta	aaagaaatta	3000
aagaatgcat	aagcaaaaaac	tcaattgtat	gtagggaaac	ccaattcctc	ctgaggaaga	3060
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cagggctcag	tcctttggat	gttaatctga	ctgggctggg	gcacctaaat	aataaatatc	3420
tccctgaact	ccatcagtct	ctctgattcc	ttaaaaatcc	cgctacattt	tgtgtaatga	3480
actggcaaca	agagaaagtt	ggtcgaagaa	aggcagagga	actgtgtctt	gtaagaatta	3540
gaatcgaggg	gctccataat	cattctggcat	ccgttcaatg	ttgtatctat	ggttagaaat	3600
gtacatgata	ggaactccag	gaatcttaacg	gattcttctt	ttcagggtccc	ggtcaactgt	3660
ggccacaatg	taacactttc	c				3681

<210> 5698

<211> 2004

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (86)...(933)

<223> similar to gi2072957 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5698

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agcgctaaat	aatcgagaaa	atgcctcctc	ttgaaacgga	tatagagatg	gaaacaagat	180
ataagaagga	ttgagaatca	tataatacag	gagcttaaac	acctatgcgc	gatgataaag	240
aggggtactat	tagagcgctt	ggaaaatacc	aggaagttga	gagagttaac	agaagggcgc	300
acgctggatt	ggccacaaaa	tcgaattact	gaagtaagtg	caaaacgaca	aattgtcaca	360
gaatacacag	aaaaggggaa	aagaaattaa	gaggagaaaa	agagagatct	agagggccgg	420
tccaggagat	acaatctatg	cataatagga	atacctgaaa	ctgaggacag	agcaagtgga	480
gctgaaacaa	taaaggatct	acttgaaaaa	attttccaga	attgaagaac	gaactagatc	540
tacaaatgga	aaaggctcat	aggatacctt	taaagtttaa	tgaaaagaaa	gcagcatcta	600
gacatatccg	ggtgacgttt	ttgaattttca	aagacgaaac	attttacaag	catccagtca	660
gagaaagcag	gttactttaca	aaggggcaaa	agtcaggctg	acctcagatt	tttctcctgc	720
aattctaaat	gccagaagac	agtggaacaa	tatctagagt	gttaaggga	aataattttg	780
agccaagaat	tatatactct	gccaaagtta	cattttcttta	caaaggaaac	tggaagacat	840
tcttagatat	acaggggtta	ggaaagtata	tcaaccaaga	actttccctg	aaaattttgc	900
tgaaggattt	actgcagcta	acagagaacc	tgaattaaaa	taagaatagg	gaggcaattg	960
tatgaaagaa	ctgatgggat	gcattaaaac	tagttaagga	gcattaagtt	taaattgtta	1020
tgtatagggc	attaaaacta	aatacaaaaa	tagaaacata	agctgggtgt	aaaatttcag	1080
tttacgttta	aactggaagg	gcataccaca	tgttcaatat	attggacaaa	tactgtttta	1140
tttttagcat	gtagtattgt	agatacaaat	acgcagtgtc	ttaagctaaa	cctaagtaaa	1200
agggctttgt	cactgtagat	ttgacaaata	acattctaaa	tgtcaaatct	gacaattgga	1260

aaacagtaca	gttttatttc	ccttattttt	aagtatagca	ggaaaaaaat	aacaagtttg	1320
tccatgttac	tactgatact	gtaaagaaac	ttccaaatca	ctgggttggg	aggggggtgga	1380
tacatcctca	ttttctgtac	atgatgcatg	gggaaaaaca	gtagttactg	catcatatag	1440
ttccaagtaa	atcatatagt	tccaagtaaa	tttgacatgg	aaataagtgt	taactacaaa	1500
aatagaatat	atacattcca	atgtttggaa	aagaagtggg	aaaaagaaaa	atagcaaaaa	1560
gacactaaaa	ttagcaaaaa	gtagattgac	agtacagatg	acctataaac	tggttaaata	1620
gccctattac	aattgaaatt	gggtcaaaaa	tcaatctcta	acctgagata	catttgtata	1680
aaacaaatga	tcaaagagtt	taaagataat	ggaaactata	aatcatagaa	atagcaacat	1740
ttttcttaaa	atctaaacat	aagacatttt	atgtaaaaca	tacaatatag	gatgtaacat	1800
ttaacaaact	atatggtaaa	taatatgaca	ttaatatata	aaatatatgt	tccagatctt	1860
gatgtgggtg	atagttttac	ttatgtacat	cgatatacat	ctatttaaaa	acatgtacat	1920
ttaaattggt	gcattttatg	tattttaaata	ttattgagta	atccttctgt	atgtattatt	1980
aaagagaata	tagcaaaaaa	aaaa				2004

<210> 5699

<211> 2789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (545)...(2356)

<223> similar to gi4959382 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5699

ctggggacgc	taggttccgg	aacctgacct	gagctggggc	ctgtgcttcc	agcgggtggg	60
ggggggcctg	gtgtgctggc	atcaagtaag	ccgactacct	cggcaaaggc	ttagggacaa	120
gagaccagca	gcttgaactg	gctggggcat	ccggaaggct	tagatcttgt	ggccaagagt	180
tcagaccgtg	gcgaagtggg	gagtgcacatg	cagttggatg	gcggtgactg	cgtgggtcctg	240
caaccctggg	tccagtctgg	caagcattgt	agacctggct	gctgaagact	gacggggccc	300
aggggtccgt	gccccaccg	ccatcaccac	ctcggaaccc	agggtaacgc	tgtcagtctt	360
tggaccaacc	tcgctgtgcc	taacaagaat	tccagaagtc	acccatccga	aaggcactgg	420
cccatgacac	tctccacttc	caatcttaaa	tcttttactt	cataccttgt	ctcagatctc	480
tctgtgtacc	ccttccccac	gcccttagat	aatccatctc	aattcctcat	gctaattgag	540
gagctatggc	tgcaaggcac	cttccaggat	ttcacaccta	cacaaatctc	ctttttctcc	600
ttttgccttc	tctgcttatg	ggatattctg	agtccccacc	cccaatcact	gacagctggg	660
cccccttcat	cagcctcaca	caccacgtat	taagtcagtc	acaatctccc	ctctcctcta	720
actgctggat	ttgtctttct	acacacaccc	aatgattcac	ggctcttccg	gctgacctac	780
ttacatggac	acagtccaac	gtgagcttac	acatttctta	cttggtctata	ccattcttgg	840
ctgattcatt	cctgaaaaccg	gttcataacc	tggaaactca	gctaaacacc	tttcttcaa	900
actcagctct	ctcagcatgg	tttcaggtag	ggctgttgcc	ctccttcacc	taatagcttc	960
tggactaaca	tccatacaaa	ccaacacagc	atcatctaaa	ccaccaatat	gggggtacca	1020
tttctactca	aacttccttc	atateccccac	cccccttatg	tctcagccga	acctacccta	1080
atccagccca	cgccacaatg	gtgggacagg	ttccccagtc	cctatgtggg	cttattttta	1140
cccttgcact	ccctgtagac	catcaattct	acaccctaata	tacaaaatca	tatccacctc	1200
tgcttggcag	aaggtgttat	gcttttctgg	ctcgcctacc	atccacacat	ccctacacct	1260
caccaccgga	tcctcttttc	tttccttcca	tccaattcct	ggcttccccg	ctgccaactc	1320
tgctctctat	gtctccagtt	taaaggggccc	ccctggaaaa	aatgtaacaa	ttccctcacc	1380
tgtgactggg	acctgacagc	caccacaccg	gggcagcaat	ggctaacggt	tgacaaagac	1440

aattttctttc	tctctccaaa	accaaacagc	cttcatcaac	tccctagcca	agactcccta	1500
tcaggccctt	acaggtgccg	ctctggctgg	cagttaccca	at ttgggaaa	acgaaaatac	1560
cctatcatgg	ctacctacct	tcacctacaa	cttctgcctg	tccaccccca	gtctcttctt	1620
tttgtgtgat	acaaactgat	atctttgcct	accagccaac	tggtcaggaa	cttgaccctt	1680
ggtctttcag	gctccaacca	tcaacatcct	acccctaac	caaactattc	taatttctgt	1740
agaagcctct	atctcctctt	caccataag	aaataaatgg	gctctacatc	tcacaccctt	1800
gctaacagga	ttaggcatac	ctgctgcact	tggcactgga	atagcaggca	taaccacctc	1860
aatcacctca	taccaaacac	tattcacaac	cctttctaac	accgtagaag	atatgcacac	1920
ttccattacc	agtctccaac	gacaattaga	cttcctcgtg	ggagtcaccc	ttcaaaaactg	1980
gagagtccctg	gacctcctaa	ccactgagaa	aggggggtacc	tgcataatac	tccaggaaga	2040
atgctgtttc	tgtgttaatg	aatctggcat	tgttcataatc	gcagttcgta	ggcttcatga	2100
cagggctgca	gagctttgac	atcaagtgcg	tgactcctgg	tggcaaggat	catcccttct	2160
aagatggata	ccctgggttg	cccccttctt	aggacccttg	atcttctctt	tcctgttact	2220
aatgattggg	ccatgcatat	ttaaccttgt	atcccgcttc	atttcccaaa	ggctgaattg	2280
ttttatccag	gcaagcatgc	aaaaacacat	tgataatata	tttcaccttt	gccacgtcta	2340
ataccagagc	ctacgaggaa	accattcgga	agctccagaa	cccaggccct	aatcacacg	2400
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agtaagaaat	aagaatgtta	gccc aaactg	cactattttg	cagaccctta	ccattttaca	2520
aactggctcag	agtggaaaat	tccaccaggg	cctgagctgt	gagaaacatc	ctgtcaggca	2580
ggtcccaggc	ctaacccttg	gctgcactaa	attccttcat	tatcagcagc	caaacacacc	2640
gccccacccc	cattttcaca	acaatcccag	acctctcctg	cccgggactg	taactgggtcc	2700
agcctgtaag	cgggaagggg	gctctggcac	tagctgggtac	cccctctccg	caggtctttc	2760
tcccaataaa	tctgtgttgc	cattgaaaa				2789

<210> 5700

<211> 1726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1162)...(774)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5700

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cattggaacg	gcaaaacatc	aataaggccc	taaaacaaaa	aatacagtta	tgctttaaca	120
aattcttagc	aatgtggccc	acgcttttta	aaaaattgac	gtgttggcag	tgttggttag	180
gaacactgac	gtacatccca	aatagtaata	aattcagtat	gaaattatac	gcataacctt	240
actcaccata	ctactttttc	tccaaacta	ttgtgacttc	tttttgctct	ctgattaaaa	300
caaacaggta	acatccttac	acctttgctc	catcccttgg	gctttaaaaa	gaatggctgt	360
agttagtttt	gattcactat	atactctctg	tacttgagga	agagtaagct	gtgtttaaaa	420
gtgccctttt	ccatgtcgtc	atgtaccaat	accctctgca	tttcaaaatg	ttgactcaga	480
tgtttttccc	tctacagaac	tagaaaattg	tccccccact	ttgggtctatt	tactcatttg	540
aagacaaaac	gggttactaa	gagttttaca	taagttattt	cttttagagt	acgaagtgtt	600
agtttacttc	ttgcttagtg	gagacaaaaa	ttgtgagata	aagaggaagg	aataggatgt	660
acacatttac	ccatcaatat	agcaccagtg	gttatattgag	caggaccctt	ctgttagcat	720
ctaaggtaag	gttaggacag	tcaagataaa	atactggatg	ttggccagga	gcagtggctc	780
aagcctgtaa	tcccagcact	ttggggaggct	gaggcaggca	gatcatgagg	tcaggagatc	840

aagaccatcc	tggctaacac	agtgaacccc	tgtctctact	aaaaatacaa	aaagttagtt	900
agttagttag	ccaggcgtgg	tgggtgggtgc	ctgtagtccc	agccattcgg	gaggttgagg	960
caggagaatg	gtgtgaacct	gggaggcaga	gcttgccagt	agattgcacc	actgtactcc	1020
agcttgggcg	acagagcgag	actccatctc	caaaaaaaaa	caaaaaaaca	acaacaaaaa	1080
aaaaaactg	tatgttaagg	gagactcctt	cagtatctaa	gagcacttgg	gggtggactg	1140
ggggagaagg	gatgacttca	tttaccceca	tagttatgga	gtcttgagtt	ctaagaaaat	1200
tttcatccct	attgattttt	atgctaaaaa	cagaatctta	caaattgtgat	agctatatat	1260
ccaaatgagg	tggctctagta	caagcatttc	tgaaaaaatt	tttgaatgac	aaaattttat	1320
cctaagcgat	atgtttttcca	agtgaatata	attctagttt	aacacaacat	tgcaagtcag	1380
gtgtgcacat	tttactaaca	aacatatatc	caatgtgatt	tccagggcct	tctcccagaa	1440
gcaaaaggag	ttggaaagta	gtctcctgcc	tttagctgaa	aatcaagaag	agagttttgg	1500
ttcttcattt	taaatgtaga	aaatcaaate	cttcacattt	gatttgtggt	cttcccaatt	1560
attaaaaatg	tgctcactgg	ctcaactgta	tttttcaaatt	agcctagatt	tacttatatt	1620
tttaaatgct	cattaaaaac	ttgtatacta	tgtagtataa	tgctgtactt	gttctatata	1680
ataaaacaga	tacttctttt	gtaaaagctt	agtagtaaaa	aaaaaa		1726

<210> 5701

<211> 1127

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (163)...(962)

<223> similar to gi3287681 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5701

aaaaagcgcc	ggcaattggg	gtcgcagctg	gagatgctgc	ggccggcagg	gctctggcgc	60
ttatgtcggc	gaccttgggc	ggcgagggtc	ccagcggaga	atcttggccg	tagggaagtc	120
acctctggtg	tctctccccg	cggtagcacc	tcgccagaa	ccctgaatat	tttcgaccgg	180
gatttgaaaa	ggaaacagaa	gaactgggca	gcccggcagc	ccgagccgac	caaatttgac	240
tacctgaagg	aggaggttgg	aagtcggatc	gcagaccgtg	tatatgacat	accagaaaat	300
ttcccccttg	ctttggatct	tggttgtgga	agaggttaca	ttgcacaata	tttgaataag	360
cttcagttat	tccattgcag	gaaactattg	gaaagttttt	ccaagctgac	attgcagaaa	420
atgctttgaa	aaattcctca	gaaacagaaa	tacctactgt	cagcgtttta	gctgatgaag	480
aattccttcc	cttcaaagaa	aatacatttg	acctgggtgt	tagcagttta	agtttgcatt	540
gggtgaatga	ccttcctaga	gcacttgagc	agattcatta	tattttaaaa	ccagatggag	600
tgtttatcgg	tgcaatgttt	ggaggcgaca	cactctatga	acttcggtgt	tccttacagt	660
tagcggaaac	ggaaagggaa	ggaggatttt	ctccacacat	ttctcctttc	actgctgtca	720
atgacctggg	acatctgctt	gggagagctg	gctttaatac	tctgactgtg	gacactgatg	780
aaattcaagt	taactatcct	ggaatgtttg	aattgatgga	agatttacia	ggtaggggtg	840
agagtaactg	tgcttggaat	agaaaagccc	tgctgcatcg	agacacaatg	ctggcagctg	900
cggcagtgta	cagagaaatg	tacagaaatg	aagatggttc	agtacctgct	acataaccaga	960
tctattacat	gataggatgg	aaatatcatg	agtcacaggc	aagaccagct	gaaagaggtt	1020
ccgcaactgt	gtcatttggg	gagctaggaa	aaataaacia	ccttatgccca	ccggggaaaa	1080
aatcacaata	aatattttatt	cagtgtataa	aaaaaaaaag	gggcggc		1127

<210> 5702
 <211> 1940
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1255)...(1671)
 <223> similar to gil86800 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5702
 gtgcaattca tgcagacgtg ctggcctatc tggccgagggc ctgggggcatg gacatcgagg 60
 ccaccaaccg agactactag cggcctctgc acgaggcggc ctccatgggc caccgagact 120
 gcgtgcgcta cctgctgggc cggggggcag cggctcgactg cctgaagaag gccgactggg 180
 tcctcacaga aggcacagag gttgccggtc aaagctgttt tcctgcctgc cagacccttg 240
 aatcctctag gttttccatc tgtgccaagg atgtgtgtgt tttgaagacc tggcccttg 300
 cttctaattg ctgagctgcc tccatctgac agcttctcct ggttggcctt aggactcctc 360
 tgatgatggc ctgcacaagg aagaacctgg gggatgacca ggagctgggtg gaacatggcg 420
 ccaatccact cctgaagaac aaagatggct ggaacagttt ccacattgcc agtcgagaag 480
 gcgaccctct gatcctccag tacctgctca ctgtttgccc aggtgcctgg aagacagaga 540
 gcaaaattag aaggactcct ctgcatactg cagcaatgca tggccatttg gaggcagta 600
 aggtgcttct taagaggtgc caatatgaac cagactacag agacaactgt ggcgtcaccg 660
 ccttgatgga cgcaatccag tgtggtcaca tgcagctgcg taggctgctc ctgatgaac 720
 atggggcttg cctttcagca gaagacagcc tgggtgcca ggctctgcac agggcagctg 780
 tcacagggca ggacgaagcc atccgattct tggctctctga acttggcgtc gatgtagatg 840
 tgagagccac atcaaccac ctacagcac ttcattatgc agctaaggaa ggacatacaa 900
 gtacaattca gactctctta tccttgggag ctgacatcaa ttctaaagat gaaaaaaatc 960
 gatcagccct gcatctggcc tgtgcaggtc agcacttggc ctgtgccaag tttctcctgc 1020
 agtcgggact gaaggattct gaagacatca cgggcaccct ggctcagcag ctccaagga 1080
 gagcagatgt ccttcggggc tctggccata gcgcaatgac ataaggatgt ttccaagagg 1140
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 aagccaagtg caacttgctt cagtcactct gaacctgagt tcaaccaacc gcagccacct 1260
 acgtttgacc ccagcgagat caaagttgta tatctgaggt gtaccagtgg tgaagtcagt 1320
 gccacatctg cactggcccc caaggtcagc tccctgggtc tgtctccaaa aatggttgct 1380
 gatgacatca ccaaccattg actggaagag tctgaggatg atagtgaac tgaccagcca 1440
 cagcagacag gccagattg aggtggtgcc ttctgctctt gccctgatcg tcacaacctt 1500
 caggaaccac cgacagaaag aaagaaacac aaaaacatga aacacagtgg tagcaccact 1560
 tctgatgaga ttgtcaacat tgcctaacag atgcagcagc agtctttagc cagagaactc 1620
 tctggaacca ttaaagaatt cctggggggc ggttgcggtg gctcatgcct gtagtcccag 1680
 cactttggga ggccgaggcg ggaggatcat gaggtcagga gatcgagacc atcctggcta 1740
 gcgtggtgaa accccgtctc ttactaaaaa tacaaaaaaa ttagccaggc atggtggtgg 1800
 gcgcctgtag tcccagctac tcaggaggct gaggcaggag aatgctgtga accctggagg 1860
 cagagcttgc agtgagccga atatgcgcca ctgcactcca gcctgggcaa cagagcaaga 1920
 ctccgtctcc aaaaaaaaaa 1940

<210> 5703
 <211> 1512

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (922)...(682)

<223> similar to gil710216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5703

ttttaattac	aaaaaaaaatt	ttattattac	aaaacataca	atctcacaaa	ggtacaattt	60
gaaatacggg	gacacccttc	taactaccac	ccaggtgaag	aaacagaact	ttgtcaggca	120
ccccagaacc	cctccaagtg	cctcatcaca	atgacaactc	cttccctcta	gaagtagcca	180
ttattcttgt	atagtactga	ctgtgtttct	ttatggtttt	atcttatttt	ttagagacag	240
ggtcttgttc	tgtcacacaa	gaacaagtgg	acaggtggag	tgcagtgggtg	ttcatagctc	300
actgcaatct	tgagctcctg	ggctcaggtg	atcttcctgt	cttagcctcc	caaggtgctg	360
ggattatagg	cgtgtgtcat	tgcaacttgac	ctagttttat	tttttttttg	agatgggggtc	420
ttgctctgtc	acccaggtgt	tgcccaggct	tgagtgcagt	ggcgcgatct	cagctcactg	480
caacctccgc	ctcccaggtt	cacgcaattc	tcctgcctcg	gcctcccagag	tagctgggat	540
tacaggtgcc	cgccaccatg	cctggctaata	tttttgtatt	tttagtagag	acgggggttct	600
accatgttgg	ccaggtctgg	ctcaaactcc	tgacctcaag	tgatccgccc	gcctcggcct	660
cccaaagtgc	tgggattaca	gatgtgaggc	accgtccacc	gtgcccggcc	gagttttatt	720
cttgaatcgt	gcatgtctct	gttcaactaca	gtttagtga	ccatttaaata	aaatttggtg	780
tcttttaagt	tcatacaaaa	tatttctttt	gaagcactat	aataatgctg	gtgatggaac	840
tcgccaccat	tattccctgg	gagcttctgg	cagattctgt	cagttggaat	ctctaattct	900
tttctcagtg	gaccttttta	cttgactccc	acagttcttt	aagtagcttc	tttttttcca	960
gggtttcctt	tgctcttttt	ttcctttctt	gttttttctt	cgcgcgttct	cgtttttctt	1020
tgtgaacagg	actgttttca	ccattgtaga	aaacatctac	tttctcttgt	aggattttcc	1080
gagctagctt	tctgttctga	tcaactgac	ttgtctgatg	gcactttaca	acgatgcctg	1140
aggggatgtg	cttcagcacc	acgcagttgc	tggttttgtt	ggttgccctgg	ccccctggac	1200
cgtgtccttt	cacaaactgc	tcttcgagtt	cattctcatc	caaggaaagc	agtgcagggt	1260
agtccttctt	gcctgccatc	tggaccggag	tgacagctat	tcctggggat	aacaacgtca	1320
gcttctccca	aagccggagt	ccccatggcg	cggggcatat	tcgggtcagt	ggtgtaggaa	1380
aatgaaataa	acccacggtg	ctcataagga	acgtggctct	gctggctgag	gacctggtct	1440
caggaccgca	ctcgtgccct	caacgttcta	gggatatcca	aatcacctca	gcggaggatt	1500
cgcaatcgcg	at					1512

<210> 5704

<211> 963

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (212)...(916)

<223> similar to gil542885 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5704

tttttttttt	ttgccgctgt	caacagacag	tttattctat	atacaaacac	aattttgtac	60
actgcaatta	aatagaatgg	aatgagcgct	cctccgcatt	cctccccgag	tgactggttt	120
ggccgcccgc	ccactccatc	cccagtgagg	actggaccac	ggccctggct	gctgccactg	180
atgttggcgc	ctgcacccca	cgctccctatg	cccagggcgc	aagctctgct	ctcccgggga	240
ccccaggcct	ggcgcacacg	cggggagggc	ggggccatgg	agaaggcact	gcaggggagca	300
ccaggcagag	ccgggctgag	gccggccggc	actagggcgc	gaggccccac	cccaagccgg	360
cctctcctcc	acacctccgc	cttgctcaga	gacctgcacc	atgggacccc	actccatcct	420
caggacgggt	cactgcagac	ctaccaagac	ccctccagaa	ccttcgcggg	aacccccacc	480
cctctccttg	ctgaccagct	caaacacctc	actagcgggt	acaagcctcg	ggcgcgacct	540
cacaccaggg	ggaggaaagc	cgctttccgg	gcaaacccca	cgaaaccctg	aaagcccccg	600
acacaggctg	ggcagtccca	gaggaaggag	gtggctggcc	tcccccaccc	ccacgggctc	660
gggaagggtca	ggcccagcca	gcaggggtca	gaggcggctc	agctgtgcgg	ctcaggaccc	720
cacctccgag	ggcgctccg	ttggggccat	ggaggccggg	ctaggcccgc	ctaccgcagc	780
ccccagggga	gttgtgtcag	aagctgcgga	gtcactcggg	gggacactgt	cctggggggc	840
gtgggggagg	ccccagcag	ggcccagcgg	gctggctgga	cgccgctcca	ggagggaggc	900
gctcaggccg	gacaggaagg	aggcgtctgt	gatgatggca	gcggtctctg	ccatccaacc	960
cag						963

<210> 5705

<211> 1521

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (156)...(95)

<223> similar to gi180279 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5705

tttgagatgt	atttcccaga	aaagcaacat	gatgaaaatg	gtcagaaaag	gcaatttcct	60
tcctcttttc	taatttggtc	ctggagccac	cagcagaacc	tcttcaatat	cttgcatggt	120
acagatttca	ctgctcccac	cagcttgtag	acaacatgtg	gttcttgaca	actctgctcc	180
tttgggttcc	agttgatggg	caagtggtag	acaccacaaa	ggcagtgatc	actttgcagc	240
ctccatgggt	cagcgtgttc	caagaggaaa	ccgtaacctt	gcactgtgag	gtgctccatc	300
tgcttgggag	cagctctaca	cagtggtttc	tcaatggcac	agccactcag	acctcgaccc	360
ccagctacag	aatcacctct	gccagtgtca	atgacagtgg	tgaatacagg	tgccagagag	420
gtctctcagg	gcgaaagtac	cccatacagc	tggaaatcca	cagaggctgg	ctactactgc	480
aggtctccag	cagagtcttc	acggaaggag	aacctctggc	cttgagggtg	catgcgtgga	540
aggataagct	ggtgtacaat	gtgctttact	atcgaaatgg	caaagccttt	aagtttttcc	600
actggaattc	taacctcacc	attctgaaaa	ccaacataag	tcacaatggc	acctaccatt	660
gctcaggcat	gggaaagcat	cgctacacat	cagcaggaat	atctgtcact	gtgaaagagc	720
tatttccagc	tccagtgtcg	aatgcactcg	tgacatcccc	actcctggag	gggaatctgg	780
tcacctgtag	ctgtgaaaca	aagttgctct	tgcagaggcc	tggtttgcag	ctttacttct	840
ccttctacat	gggcagcaag	accctgcgag	gcagagacac	atcctctgaa	taccaaatac	900
taactgctag	aagagaagac	tctgggggta	tactgggtgcg	aggcttgcca	cagaggatgg	960
aaatgtcctt	aagcgcagcc	ctgagttgga	gcttcaagtg	cttggcctcc	agttaccaac	1020
tcctgtctgg	tttcatgtcc	ttttctatct	ggccagtggg	aataatgttt	ttagtgaaca	1080

cttgttctct	gggtgacaat	acgtaaaaga	actgaaaaga	aagaaaaagt	gggaatttag	1140
aattctcttt	ggattctggt	catgaaaaga	aggtaatttc	ccagccttca	agaagacaga	1200
catttagaag	aagagctgaa	atgtcaggaa	caaaaagaag	aacagctgca	ggaaggggtg	1260
caccggaagt	gtaccctagg	gggccacgta	gcagcggctc	agtgggtggc	catcgatctg	1320
gaccgtcccc	tgcccacttg	ctccccgtga	gcactgcgta	caaacatcca	aaagttcaac	1380
aacaccagaa	ctgtgtgtct	catggatatgt	aactcttaaa	gcaaataaat	gaactgactt	1440
caactgggat	acatttggaa	atgtgggtcat	caaagatgac	ttgaaatgag	gcctactcta	1500
aagaattctt	gaaaaactta	c				1521

<210> 5706

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (289)...(648)

<223> similar to gi208157 in the genepept database release 114,
Run with FASTXY 3.3t00,, default parameters.

<400> 5706

aggcagccac	tttctagaga	cagttagctt	cattggacta	atctggggaa	tctgaagttc	60
aaggacctca	ccctgttact	aatgttgcta	acttctcttc	caactctgtt	tatgattcct	120
ctgcgtgtaa	acagagcagc	tccaccacgc	tccacactcc	agctaccaga	gaagcctctg	180
gaacaaacat	ggaatatcct	tacccccctt	accaagaccc	tacctgtctc	caatctcagc	240
agaaaagtaa	caagctgggc	cgggggtggg	atcccgggtga	catgtctacc	agaggcagga	300
agcggagggg	agaggagagc	agagtgtggg	ctgggggtcc	caaccactag	gggaccccc	360
agaagtccgc	atcattcggg	agcctgaggc	gctgggaatt	ccaaggcctg	gccagaaagc	420
cccagtctaa	gggacgcctc	ccagtcacca	gggagcccca	atctaaggga	tacagcccca	480
tcctcagggg	gccccagtct	gagggagaca	cagactcgtc	ctcagggagg	cccagtctaa	540
gggacacagc	cccatacctc	gggagctcca	atctaaggga	tacagccctg	tcctcagggg	600
gccccagtct	gaagggagac	tcagtgtctt	cctcagggag	cccccgctctg	gatcagggaa	660
ggagctctgt	ttccctgttg	aggtgactgc	tcaggaggaa	agtccttttc	catggcactc	720
cctgacttcc	ccttcccttt	ctctctctga	gccagcaggg	ctccagcggg	ggagcgggtg	780
tctttgggg						789

<210> 5707

<211> 1045

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1046)

<223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (728)...(28)
 <223> similar to gi200545 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5707
 ctggccccag gctttccac atggaaggtg gctgcatgcc aaggggagga gcgacacctc 60
 caggcttccg ggagcccaga gagcatgtgg caggcagtgg ggctcttca tcagcagcct 120
 gcctggctgg ctccttggc tgtgggcagg tagcacgcct gctggcagag gtacctggtg 180
 gctgccctgt tcgcatcagt ggcgatgact ttatttgcgg agcatttctg caagcgttgc 240
 ctggatgcgg tgggtgcatt tgggccctct gggctcctgc ctcagaatgt cagtgcacac 300
 catgctggag gtcacccagc actgtggcag cggccaggag ggcatagggc agcctaccac 360
 ctccaagggg gcaggcgccc tcatctgggg ttgggtctgt gctgagctgg agggcctcta 420
 gggaaccgtg gggcaggggt gccagctgct ggctcccaga gcgcagccca ggcgtcctca 480
 acggggagcc ccaaagtgtc acgcccagaa caacagttgg caggacaggt gtgacacagc 540
 cacagcagag gcaaggggtg ccaggagtcc ccagcggcat cctcggggag atgctggtga 600
 ggggtccgta cagggtgggg tccccacccc tagcccctta ctgagggggg agtgcagcag 660
 ttggcctgct tgtctggcgg agaaagccag ctccctgcac cctcggggct gattcagatc 720
 tgggtctgcc gcaaaggcct tgccctagacc aggtcacact gatgccctgg tttccctatc 780
 tgtaaaatgg ggccaatgac acctacctca ctgggtcacc atcgagatca atccttctcc 840
 ctgccccgac acctcgggca catcgcatgc actcagagca cagagccggg cagacgcagc 900
 acctgcatgg ggagcccagt gcccggcaca gcacaggggc tttcaggag gccacgcagg 960
 gccgtggggc tgaaccacgc tctcgttttg tcaggcagct atgcagnagc tcttccttgg 1020
 tattgggttg ttntgggttt gtatt 1045

<210> 5708
 <211> 928
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (778)...(446)
 <223> similar to gi4927776 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5708
 tttttttttt ttgcgtgagc aataaagctt tttaatcacc taggtgcagg caggctgagt 60
 ccaaagagag tgtcagcgaa gggagatagg ggtggggccg ttttatagga tttgggtagg 120
 taaaggaaaa ttacaatcaa agggggttgt tctatggcag gcaggggcgg gggtcacaag 180
 gtgctcagtg gggaagcttc tgagccagga gaaggaattt cacaagggtta atcgctcagt 240
 taagggtggg caggaacaaa tcacaatggt ggaatgtcat cagttaaggc aggaacaggc 300
 cattttctact tcttttgtga ttcttcactt gcttcaggcc atctggatgt atacatgcca 360
 ggtcacaggg gatatgatgg gctttgcttg gggcttcaga ggtcttgaca cacatcacta 420
 agcttactct atggattcgc ctcaaattct ttcttgcaag agatccaaga atgctctctt 480
 ggggtctgga tagggacccc tttccgttga caagacctcc ccgcctccgc ttttaattgt 540

ttggccttca	ttectettct	acagtgtccc	ctgcaatcag	tactggtgct	gtacatat	600
gctagcttcg	tacatacggc	acgaagtaga	tgctcagtaa	atggttggtg	actgagtatc	660
ctctgcatct	cgggtgacatc	acatcctgcg	tgccgtggcg	tcattctgca	ttcctctgcg	720
ggaggctcag	atccggaggg	tttaagtggg	tggtttataac	atgcaccgaa	catatccaac	780
ggaggctgtg	gtttccgacc	gcccacaaaa	agcgcggttg	gcgggagtg	gggttcgggg	840
tcggctggca	gctgggagac	tccagctctg	ggcggaaca	cactgcctcg	gaggcgcccc	900
gacgcgtggg	tcgagccagt	aataacga				928

<210> 5709

<211> 3918

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (26)...(2915)

<223> similar to gi4191594 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5709

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accttcagcc	ctggacttgg	cctccacaaa	gatgaaatgg	ttgaacgccc	cctgggaaga	180
ttgggacaaa	gtatgctgca	agtgagaacc	atatttaacc	agacaaaatg	gtggccccgg	240
agtttgcttc	gatacccttg	agggaaagtc	tgcgatgatg	aaagagattg	tattgctggt	300
ttgggaaaga	attagccaga	ttgggcccga	gattcagaac	caacttgtga	gagcggtgga	360
attggaacag	gtgcctcaca	tcgcactggt	tttgttcaag	aaaaccgccc	tttcaattac	420
catatgcttt	ttttcaaaat	tcttactacc	ctattgtggg	ttagatacct	tggcagatca	480
gaattaatca	ggtgaggaaa	acaagtcagg	cagctttgct	tggtctctgt	ggagcaggag	540
ctcattgaac	gatttgatgt	ggagacccaa	gtgtgcccct	tcctcataga	gctgacagcc	600
ccagatagca	atgatgatgt	gaaaacagaa	gctgtggcta	taatgtgcaa	aatggctccc	660
catggttggg	aaggatatta	cagagcgtct	tatcctccct	aggttttgtg	agatgtgctg	720
cgattgcaga	atgttttcacg	gttcggaaag	gtctgtgctg	ccaatttttg	agatatttgc	780
agtgtagtgt	gccagcaagc	tactgaagaa	atgttgctgc	ccagattttt	ccagctttgt	840
tctgataatg	tatggggagt	ccgaaaggct	tgtgctgaat	gcttcatggc	ggtttcatgt	900
gcaacatgtc	aagaaatccg	acggacccaa	ttatcagcac	tttttattaa	tttgatcagt	960
gatccttcac	gttgggttcg	ccaagcagct	tttcagtcct	tgggaccttt	catatctact	1020
tttgctaate	catctagctc	aggccagtat	tttaagaag	aaagcaaaag	ttcagaagag	1080
atgtcagtag	aaaacaataa	aaggaccaga	gatcaagaag	ccccagagga	tgtacaagtc	1140
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acgatggaag	accatgctgc	tgaggcatcc	gggaagcctc	taggtgaaat	tagtggtcca	1260
ctggacagct	ctttactttg	tactttgtcc	tcagaatctc	accaggaagc	agctagtaat	1320
gagaatgata	aaaaacctgg	taactacaaa	tctatgttac	gaccagaggt	tggcaccact	1380
tcacaagatt	cagctctctt	agatcaggaa	ttgtataact	ccttccattt	ctggaggact	1440
cctcttctct	aaatagatct	agacatagag	cttgaacaga	actctggggg	aaaaccagc	1500
ccagagggac	cagaggaaga	atctgagggc	cctgtgccca	gttctccaaa	catcaccatg	1560
gccaccagaa	aggaactgga	agaaatgata	gaaaatctag	agccccacat	tgatgatcca	1620
gatgttaaag	cacaagtgga	agtgtgtccc	gctgcactac	gtgtctccag	cctggatgca	1680
catgaagaga	ccatcagtat	agaaaagaga	agtgatttgc	aagatgaact	ggatataaat	1740
gagctaccaa	attgtaaaat	aaatcaagaa	gattctgtgc	ctttaatcag	cgatgctggt	1800

gagaatatgg	actccactct	tcactatatt	cacaacgatt	cagacttgag	caacaatagc	1860
agtttttagcc	ctgatgagga	aaggagaact	aaagtacaag	atgttggtacc	tcaggcggtg	1920
ttagatcagt	atttatctat	gactgaccct	tctcgtgcac	agacggttga	cactgaaatt	1980
gctaagcact	gtgcatatag	cctccctggt	gtggccttga	cactcggaag	acagaattgg	2040
cactgcctga	gagagacgta	tgagactctg	gcctcagaca	tgacgtggaa	agttcgacga	2100
actctagcat	tctccatcca	cgagcttgca	gttattcttg	gagatccaat	tgacagctgc	2160
agatctggtt	ccaattttta	atggattttt	aaaatgaccg	tcgatgaagt	caaggatagg	2220
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tctttatcaa	cttcaggagt	ttttggtgac	agataatagt	agaaattggc	ggtttcgagc	2340
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ctattttacgt	cccattgctc	tgaatctgtg	tcagacaaaa	gtttcttctg	ttcgttggat	2460
ttcctacaag	ttggtcagcg	agatggtgaa	gaagctgcac	gcggcaacac	caccaacggt	2520
cggagtggac	ctcatcaatg	agcttgtgga	gaactttggc	agatgtccca	agtggctctgg	2580
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ccagtttgct	gtgcatctca	tgccgcatct	gctaacctta	gcaaatagaca	gggttccctaa	2700
cgtgcgagtg	ctgcttgcaa	agacattaag	acaaactcta	ctagaaaaag	actattttctt	2760
ggcctctgcc	agctgccacc	aggaggctgt	ggagcagacc	atcatggctc	ttcagatgga	2820
ccgcgacagc	gatgtcaagt	attttgcaag	catccaccct	gccagtacca	aatctctccga	2880
agatgccatg	agcacagcgt	cctcaaccta	ctagaaggct	tgaatctcgg	tgtctttcct	2940
gcttccatga	gagccgaggt	tcagtgggca	ttcgccacgc	atgtgacctg	ggatagcttt	3000
cgggggagga	gagaccttcc	tctcctgcgg	acttcattgc	aggtgcaagt	tgccacacac	3060
caataccagg	gatttcaaga	gtcaagagaa	agtacagtaa	acactattat	cttatcttga	3120
ctttaagggg	aaataatttc	tcagaggatt	ataattgtca	ccgaagcctt	aaatccttct	3180
gtcttcctga	ctgaatgaaa	cttgaattgg	cagagcattt	tccttatgga	agggatgaga	3240
ttcccagaga	cctgcattgc	tttctcctgg	ttttatttaa	caatcgacaa	atgaaattct	3300
tacagcctga	aggcagacgt	gtgccagat	gtgaaagaga	ccttcagtat	cagccctaac	3360
tcttctctcc	caggaaggac	ttgctgggct	ctgtggccag	ctgtccagcc	cagccctgtg	3420
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cctgatgcc	acacaagtag	gattgactta	aactcttaag	cgcagcatat	tgctgtacac	3540
atttacagaa	tggttgctga	gtgtctgtgt	ctgatttttt	catgctggtc	atgacctgaa	3600
ggaaatttat	tagacgtata	atgtatgtct	gggtgtttta	acttgatcat	gatcagctct	3660
gaggtgcaac	ttcttcacat	actgtacata	cctgtgacca	ctcttgggag	tgctgcagtc	3720
tttaatcatg	ctgtttaaac	tgttgtggca	caagttctct	tgtccaaata	aaattttatta	3780
ataagatcta	tagagagaga	tatatacact	tttgattgtt	ttctagatgt	ctaccaataa	3840
atgcaatttg	tgacctgtat	taatgattta	aagtggggaa	actagattaa	aatatttgtc	3900
ttttaactag	ttaaaaaa					3918

<210> 5710

<211> 1933

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1631)...(655)

<223> similar to gi5225320 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5710

tttttttttt ttgtagttg tttttgtttt taatttgtct ccaataagca atgtcttctg

60

ccccatccag	ccatgggaag	tgggtccac	gtgaagggg	ccccaccac	ccactttggg	120
aagctgaagg	ctagagactt	cgggagcccc	ccccggctca	agactcccc	ctacgctggg	180
tgtgggggtt	agattcagag	gcccagacac	cacactgggg	taggttaggt	attgggttta	240
cttaggccac	aggccccccg	ggggcagggg	gacagagtgg	gggggcccga	agctccctgg	300
tcttggggaa	gagttaaaaa	gttctggggg	taggcccctg	gcccctgggg	ggcaagttta	360
agagatgagg	ggagggtttac	tcccttaggc	ccaggaggtt	ggtagaaga	cagttggggg	420
ctggtagaaa	atgcctgggt	taaagccttg	gcctctagga	ggtttttaga	gatttgctgg	480
ggttgggggc	ccagggttgc	tgggaccccc	agtttttggg	gaaggagct	gtaagagatt	540
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cagccctggt	cgcattcacc	cagccaggcc	acgtccctgc	aaggaggtac	ccatgaccag	900
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caaaggtcag	ctcgtccagc	agacgtcctt	tctggctgcc	caggctgagc	gtctgggaga	1560
ataagttccg	caggaagtcc	atgtctgctt	ctccaccagc	ggctcctccc	tcagagtctg	1620
aatctgagtc	ctggaagggg	tgggttggag	tggccaggcc	cgagaggtgg	gattagggag	1680
ggaggagagg	gggtgatacc	aggtttgggg	aaaaggctgt	ggcaggaagg	tggcctgagg	1740
aagtgcgggg	tggtagagag	actgcactgg	ggctagctcc	agggctctgg	gacaggctgc	1800
cggggttgga	gtcctggcca	tgcccgtccc	caggagcaag	acctcatgtg	agtggctttg	1860
ctttgctttt	cttttttgag	acagtgtctc	gctctgttgc	ccaggctgga	gtgcactggg	1920
gcagtcacag	ctt					1933

<210> 5711

<211> 4268

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2249)...(2871)

<223> similar to gi841318 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5711

aaggagaaaa	gagtgacagt	acaattgcct	acagaatcca	tacagaagaa	ccaggaagat	60
aagctcaaga	tggttcccag	gaagcaaaga	gaatttagcg	gatctgacag	agggaaactt	120
ccaggaagtg	aagaaaaaaa	tcagggacca	tcaatgattg	gtcgaaaaga	agagagatta	180
ataactgaaa	gaaaacacga	acatctgaag	aataaatcag	caccaaaggt	cgtcaagcaa	240
aaggttatcg	atgcacatct	tgattcacag	actcagaatt	ttcagcaaac	acaaatacag	300

accgctgaaa	gtaaagctga	acataaaaaa	ttgccccagc	catataatag	tctgcaggaa	360
gaaaaatgtc	tcgaagtcaa	gggcatacaa	gagaaacaag	tcttctctaa	tactaaagat	420
tcaaagcaag	agattacaca	gaacaaatct	ttcttttctt	ctgtgaaaga	atcccagcgg	480
gatgatggaa	aaggtgcctt	aaatatagt	gaattcttga	gaaaacgtga	agaactgcaa	540
cagattttgt	cgagagtga	acagtttgaa	gcagagccaa	ataaaagggg	ccttaaaaaa	600
tttcagacac	tattaaatac	tatcccagga	tggctgataa	gtgaagataa	gagagaatat	660
gcagttcaca	ttgccatgga	gaataattta	gaaaaagtaa	aagaagaaat	aacacatatt	720
aaaactcaag	cggagatat	gcttgtgtcc	tatgaaaata	taattcagac	agccatgatg	780
tcctccaaaa	caggaaaacc	gggaaataaa	cccactagtc	ttgatgaaac	atcatccaaa	840
gtatctaatt	ttcatgtcag	caataataaa	aatagtgaac	agaaagaaaa	taaaattgcc	900
aaagagaaaa	cagtacagca	ccaagtaaca	gctcatcatg	aagcaactgt	tcgtagtcac	960
gtgaaaacc	atcaggaaat	taaacttgat	gatagcaaca	ttcctcctcc	ctcttttaaaa	1020
acacgcccac	cgtcaccaac	ttttatcaca	atagaatcta	ctgcccagcg	aacagaaaaa	1080
cctactaaga	acgagctttc	tcagtcacct	aaaaaggaca	gttatgttga	acccccacca	1140
agaaggccca	tgtcgcaaaa	atctgaaatt	cacagagcaa	acacttcccc	ttctccaccc	1200
aggagtgcgt	ctgaacaact	tgtcagactc	aaagacacca	ctgcaaagtt	atccaaaggg	1260
gccatcccat	gtccagcagc	aaccccggtt	ccaattgtag	agaagagggtc	tgaaatcatc	1320
atgtctcctg	caacacttcg	tcgtcaaatt	aagatagaaa	ctcgcggtac	ggactctcca	1380
cctacaatca	caataccagt	aaatataaat	catgctgcta	gtgggttcctt	cagagaatct	1440
gtggacgctc	aagaggaaat	caggaaagt	gagaagagag	ctacttatgt	tcataaagat	1500
ggactaaatt	ccactgatca	catggtgccc	gacactgaaa	gttatgatgc	agttgaaatc	1560
atccgcaagg	ttgcagtgcc	tcctcgctcg	tcagagcaca	cacagagata	tgaagcggcc	1620
aaccgaactg	ttcaaattggc	tgaaaatttc	gtgaatgacc	ctgaaaatga	aataaacaga	1680
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gcaaagggag	aaacaaacca	taacatacaa	caagaaagtc	gtacattttg	taaggaggaa	1800
tttgatttaa	catcttttagg	aaacacgagt	tttacagact	tttcttgcaa	acatcctaga	1860
gaactgcgag	aaaagattcc	tgttaagcag	cccaggatct	gctctgaaac	caggctctcta	1920
agtgaacatt	tctcaggcat	ggatgcattt	gagagtcaaa	ttgttgagtc	gaagatgaaa	1980
acctcttcat	cacatagctc	agaagctggc	aaatctggct	gtgacttcaa	gcatgccccca	2040
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tatgcaaccg	cagatgcttc	tgcaactgag	atgagaacca	cctccaaga	ggaatctgca	2220
tttataagtg	aagctgctgc	tccaagacaa	ggaaatatgt	atactttgtc	aaaagacagt	2280
ttatccaatg	gagtgcctag	tggcagacaa	gcagaatttt	cataagtcct	gcttccgatg	2340
ccaccattgc	aacagtaaac	taagtttggg	aaattatgca	tcacttcatg	gacaaatata	2400
ctgtaaacct	cacttttaaac	aacttttcaa	atccaaagga	aattatgatg	aaggttttgg	2460
acataagcag	cataaagata	gatggaactg	caaaaaccaa	agcagatcag	tggactttat	2520
tcctaataaa	gaaccaaata	tgtgtaaaaa	tattgcagaa	aacacccttg	tacctggaga	2580
tcgtaataaa	catttagatg	ctggtaacag	tgaagggcaa	aggaatgatt	tgagaaaatt	2640
aggggaaagg	ggaaaattaa	aagtcatttg	gcctccttcc	aaggagatcc	ctaagaaaaa	2700
cttacccttt	gaggaagagc	tcaaaatgag	taaacctaa	tggccacctg	aatgacaaac	2760
cctgctatcc	cctgaattta	aaagtgaatc	tctgctagaa	gatgttagaa	ctccagaaaa	2820
taaaggacaa	agacaagatc	actttccatt	tttgcagcct	tatctacagt	ccacccatgt	2880
ttgtcagaaa	gaggatgtta	taggaatcaa	agaaatgaaa	atgcctgaag	gaagaaaaga	2940
tgaaaagaag	gaagggaagg	agaatgtgca	agataggccg	agtgaagctg	aagacacaaa	3000
gagtaacagg	aaaagtgcata	tggatcttaa	tgacaacaat	aatgtgattg	tgcagagtgc	3060
tgaaaaggag	aaaaatgaaa	aaactaacca	aactaatggt	gcagaagttt	tacagggttac	3120
taacactgat	gatgagatga	tgccagaaaa	tcataaagaa	aatttgaata	agaataataa	3180
taacaattat	gtagcagctc	catatctgaa	taattgcagg	cagaagacat	ctattttaga	3240
atttcttgat	ctattaccct	tgtcagagtga	agcaaatgac	actgcaaatg	aatatgaaat	3300
tgagaagtta	gaaaatacat	ctagaatctc	agagttactt	ggtatatattg	aatctgaaaa	3360
gacttattcg	aggaatgtac	tagcaatggc	tctgaagaaa	cagactgaca	gagcagctgc	3420
tggcagtcct	gtgcagcctg	ctccaaaacc	aagcctcagc	agaggcctta	tggtaaaggg	3480
gggaagttca	atcatctctc	ctgatacaaa	tctcttaaac	attaaaggaa	gccattcaaa	3540
gagcaaaaat	ttacactttt	tcttttctaa	caccgtgaaa	atcactgcat	tttccaagaa	3600
aatgagaac	atcttcaatt	gtgatttaat	agattctgta	gatcaaatta	aaaatatgcc	3660
atgcttggtg	ttaagggaat	ttggaaagga	tgttaaacct	tggcatgggtg	aaacaacaga	3720

agctgcccgc	aataatgaaa	acacaggttt	tgatgctctg	agccatcaat	gtacagctaa	3780
gcctttgttt	cccagagtgg	agggtgcagtc	agaacaactc	acgggtggaag	agcagattaa	3840
aagaaacagg	tgctacagtg	acactgagta	aaatatctat	ggccactgac	agtccacact	3900
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aggaacttga	tgtaaactatg	gtgttcagaa	atctcgtgtc	tatctcaatg	ggatatttct	4020
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ctgttttctt	gtaaaacatc	atgggtgtga	tttttatact	gctgctgctt	gtcacaatta	4200
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aaaaagtc						4268

<210> 5712

<211> 1817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (173)...(1135)

<223> similar to gi3329475 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5712

gcgggtggaat	tcgaggagcg	acggaagcga	cgcgggggta	cgctgctgcg	cggcgcccgg	60
tttcgtgccc	gcggccgact	gcgcagcctg	tccgcgagtc	tgagatactt	acagagagct	120
acaatggaaa	agtcttgat	gctgtggaac	tttggtgaaa	gatggctaata	agccttggtt	180
tcatggtcct	gggctctctg	ccgtatttct	cttttacctt	taatagtgc	ttttcatctg	240
tatggaggca	ttatcttact	tttggttaata	ttcatatcaa	tagcaggtat	tctgtataaa	300
ttccaggatg	tattgcttta	ttttccagaa	cagccatcct	cttcacgtct	ttatgttccc	360
atgcccactg	gcattccaca	tgaaaacatt	ttcatcagaa	ccaaagatgg	aatacgtctg	420
aatcttattt	tgatacgata	cactggagac	aattcaccct	attccccaac	tataatttat	480
tttcatggga	atgcaggcaa	cataggtcac	agggttgcaa	atgcattact	tatgttggtt	540
aacctcaaag	ttaacctttt	gctggttgat	tatcgaggat	atggaaaaag	tgaaggagaa	600
gcaagtgaag	aaggactcta	cttagattct	gaagctgtgt	tagactacgt	gatgactagc	660
cctgaccttg	ataaaacaaa	aatctatctt	tctggccgct	cccttgggtg	gagcagcggc	720
tattcatctg	gcttctgaca	attcacatag	gatttcagcc	attatggtgg	agaacacatt	780
tttaagcata	ccacatatgg	ccagcacttt	attttcattc	tttccgatgc	gttaccttcc	840
tttatggtgc	tacaaaaata	aatttttgtc	ctacagaaaa	atctctcagt	gtagaatgcc	900
ttcacttttc	atctctggac	tctcagatca	attaattcca	ccagtaatga	tgaacaact	960
ttatgaactc	tccccatctc	ggactaagag	attagccatt	tttccagatg	ggactcacia	1020
tgacacatgg	cagtgcgaag	gctatttcac	tgcacttgaa	cagttcatca	aagaagtcgt	1080
aaagagccat	tctcctgaag	aaatggcaaa	aacttcattc	aatgtaacaa	ttatataatg	1140
tttccctttt	tgattattgc	attgtatttt	aatttgtgca	gaatgataaa	gaatgttctt	1200
tttagaagtg	tgttatgtct	gtacctgtct	gaagagtgc	attaaacttt	gaaaggactt	1260
cactgctcct	ttacgatatt	ccaaatagtt	ttttacattg	gaaaagctaa	ttcttgggat	1320
tctttcatat	attttcatca	aaactttcag	tgtgattatg	tattcatatc	ttcagtttaa	1380
tatgtcagta	taatagatat	tgttcaaaag	tttcttggtg	ctaaagtggg	gtaatctggt	1440
acacagatga	atagctagat	gtggaaagag	atatgtaaac	aagaaacctt	tgggtattgt	1500
ttcttaagta	aatattggga	caatcatggt	aagcaaactt	agttctgtaa	ctgcattttt	1560
caccttaaaa	gttaaatgaa	atgcatgatg	gtattttatt	ccttgaatta	tgcaatgcaa	1620

cattttacat	gtaaatagca	ctggtcatat	actgatgtat	atggttatct	gggttatatc	1680
tatttttatg	taaactctat	tttgtttttg	gcaagaagtg	aaattgagac	ttatgtgcag	1740
gttgccattg	aattttgctc	tggtgaatgc	tgagatccag	ctttttctta	caaataaatg	1800
ggaccctgtt	ttccaaa					1817

<210> 5713
 <211> 2610
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2611)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (87)...(1280)
 <223> similar to gi5262551 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5713						
cttggtgggaa	gagctgaagc	aggcgctctt	ggctcggcgc	ggcccgtgc	aatccgtgga	60
ggaacgcagc	cgccgagcca	ccatcagtcg	ctgggcactt	acaggaaggc	ttcggctgcg	120
tggtcaccaa	ccgattcgac	cagttatttg	accgacgaat	cgggancccg	ttccgaggtg	180
ctgaaggcag	cagagaacaa	gaaaaaagaa	gcccggcggg	ggcgcgtgtg	tggggccctg	240
gggcatagag	cgcagctcag	ggccggcggg	cccacgacca	actccaacgc	ggcaggcaaa	300
cagcgtgcgc	aaggagtccc	agaaagaccg	caagaaccgc	ctgcccccca	gcgttggcgt	360
ggttgacaag	aaagaggaga	cgcagccgcc	cgtggcgctt	aagaaagaag	gaataagacg	420
agttggaaga	agacctgatc	aacaacttca	gggtgaaggg	aaaataattg	atagaagacc	480
agaaaggcga	ccacctcgtg	aacgaagatt	cgaaaagcca	cttgaagaaa	aggggtgaagg	540
aggcgaatth	tcagttgata	gaccgattat	tgaccgacct	attcgaggte	gtgggtggtct	600
tggaagaggt	cgagggggcc	gtggacgtgg	aatgggcccga	ggagatggat	ttgattctcg	660
tggcaaacgt	gaatttgata	ggcatagtgg	aagtgataga	tcttcttttt	cacattacag	720
tggcctgaag	cacgaggaca	aacgtggagg	tagcggatct	cacaactggg	gaactgtcaa	780
agacgaatta	actgacttgg	atcaatcaaa	tgtgactgag	gaaacacctg	aaggtgaaga	840
acatcatcca	gtggcagaca	ctgaaaataa	ggagaatgaa	gttgaagagg	taaaagagga	900
gggtccaaaa	gagatgactt	tgatgagtg	gaaggctatt	caaaataagg	accgggcaaa	960
agtagaatth	aatatccgaa	aaccaaataa	aggtgctgat	gggcagtggg	agaagggtat	1020
tgttcttcat	aaatcaaaga	gtgaagaggc	tcagtctgaa	gattcggtta	tggaccatca	1080
tttccggaag	ccagcaaatg	atataacgtc	tcagctggag	atcaattttg	gagaccttgg	1140
ccgcccagga	cgtggcgcca	ggggaggacg	aggtggacgt	gggcgtgggtg	ggcgcccaaa	1200
ccgtggcagc	aggaccgaca	agtcaagtgc	ttctgtctct	gatgtggatg	accagagggc	1260
attcccagct	ctggcttaac	tgatgccat	aagacaaccc	tggttccttt	gtgaaccctt	1320
ctgttcaaag	cttttgcatg	cttaaggatt	ccaaacgact	aagaaattaa	aaaaaaaaag	1380
actgtcattc	ataccattca	cacctaaaga	ctgaatttta	tctgttttaa	aaatgaactt	1440
ctcccgtac	acagaagtaa	caaataatgt	agtcagtttt	gtatttagaa	atgtattggt	1500
agcagggatg	ttttcataat	tttcagagat	tatgcattct	tcatgaatac	ttttgtattg	1560
ctgcttgcaa	atatgcattt	ccaaacttga	aatatagggtg	tgaacagtgt	gtaccagttt	1620
aaagctttca	cttcattttg	gttttttaat	taaggattta	gaagttcccc	caattacaaa	1680

ctgggttttaa	atattggaca	tactgggtttt	aatacctgct	ttgcatattc	acacatggtc	1740
aactggggaca	tgttaaactt	tgatttgtca	aattttatgc	tgtgtggaat	actaactata	1800
tgtatttttaa	cttagtttta	atattttcat	ttttggggaa	aaatcttttt	tcactttctca	1860
tgatagctgt	tatatatata	tgctaaatct	ttatatacag	aaatatcagt	acttgaacaa	1920
attcaaagca	catttggttt	attaaccctt	gctccttgca	tggctcatta	ggttcaaatt	1980
ataactgatt	tacattttca	gctatatatta	ctttttaaat	gcttgagttt	cccatttttaa	2040
aatctaaact	agacatctta	attgggtgaaa	gttggtttaaa	ctacttattg	ttggtaggca	2100
catcgtgtca	agtgaagtag	ttttataggt	atgggttttt	tctccccctt	caccaggggtg	2160
gggtggaataa	gttgatttgg	ccaatgtgta	atattttaaac	tgttctgtaa	aataagtgtc	2220
tggccatttg	gtatgatttc	tgtgtgtgaa	aggtcccaaa	atcaaaatgg	tacatccata	2280
atcagccacc	atttaaccct	tccttgttct	aaaacaaaaa	ccaaagggcg	ctggttggta	2340
gggtgaggtg	ggggagtatt	ttaatttttg	gaatttgga	agcagacagc	tttactttgt	2400
aaggttgga	cagcagcact	atacatgaaa	tataaaccaa	aaacctttac	tgtttctaaa	2460
tttcttagat	tgctattatt	tggttgtaag	ttgagtattc	cacagaaagt	ggtaattatc	2520
tcttctctct	tcctccatta	gaaaattagg	taaataatgg	attcctataa	tgggagcatc	2580
accacttatt	aaaacacaca	tagaatgatg				2610

<210> 5714

<211> 1026

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (497)...(237)

<223> similar to gi436173 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5714

tttttttttt	ttaccaacag	tacactttta	attaaggacc	tgtagctgtg	caggatgcaa	60
acagctgggc	atcagtgact	ttcctcctgc	ccccggtttg	tccctgatgg	tggcagaaga	120
tcccagctga	ccacggcccc	tttctctggg	gtcagaggga	gaagacaggc	gcagtcagca	180
ggggcagctg	ttgcaggtgg	gagggttatt	ttcccacagg	aacaaaggte	tccatgatga	240
tacggggtct	ctatagtcac	gttgagagcc	taatggccct	tggcataatt	gctgggtgtc	300
gggtagaagg	tgtcttgag	tttgcacaag	tggttgagag	ggagggaggt	gccatagact	360
tggaggaact	gggcacgaag	ccaaggatac	aaatccaggc	agggctgtgg	ggcaggatag	420
agagcagggc	cttctactga	aggagtgact	caggaaggag	gaggggaagg	tgacaagccc	480
ctgggcagga	gccctgtggc	catggatcat	tttaaattga	gaccagagag	tgagcagtc	540
agggcagcta	taaccttggc	tagaaagggc	agaggcagat	gggcctgtct	catctcgcct	600
cttaagaagg	tgggcaggac	ggagatgcca	cagtggatgc	cactgctgcc	acagcctcct	660
gcggactcca	ggaaggaagc	ctggctctca	gccatgcagg	atggaaagaa	agattctatt	720
ccaggagggg	agctgccttg	gaacgcccc	aggacagcca	ggacccactg	ttcattcagg	780
attcccgcac	tttctcttac	gggagctaac	gcctgtgcct	gggtcctggc	agcgtctctg	840
actccacact	ctcctcctgg	gtttcacctt	tgtaacagga	tccctgcaga	ccacgcccac	900
gacaaacact	gtctccagag	ggcaggacaa	aggaagggca	cggcgccggg	cgggtggtgtg	960
gttgcccatc	aggaagaggc	cgacttcttc	cagtgaact	gggcagacag	aaggcagtg	1020
gaaatg						1026

<210> 5715
 <211> 6521
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (164)...(4670)
 <223> similar to gi2370202 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5715
 agtgtggtgg aattcgctgg agctggtgct gaaaaagggg gtttgcagag gctgccctgg 60
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<210> 5716

<211> 4188

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1803)...(1580)

<223> similar to gi504529 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5716

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<210> 5717

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (530)...(179)

<223> similar to gi1330342 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5717

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<210> 5718

<211> 2892

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2481)...(452)

<223> similar to gi758066 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5718

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atttctctgg cttctcattt agataaccag catgttcaga gttggcttca taaagctgca      840
tgaggatatt cttgagccca gtctctcatc cgtagaggaa acttgaatca cttcaaagtc      900
ccgacaaagt aggaatagat ttggaggcct ccaaataat ccagctggag ttgatgcccc      960
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cagataataa	tcttgcattt	gtcgggattg	cagctgcagt	tcccaagaga	cataggaaaa	2460
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gattcctgga	tttccctagc	aggctggcct	ctcatgcgag	ggctttacag	gcagtgttgg	2820
caaaccaaaa	gggaaagagc	taattctggt	ggcgtggatg	gggttaacag	tcttcccccg	2880
gacgcgtggg	tc					2892

<210> 5719

<211> 1692

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1693)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1550)...(563)

<223> similar to gi4584796 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5719
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atattaaata ctatctaaat taaaagacca taattcaaat tgctaattat aatatttggtg      180
tcggtagaaa taactatagt tccccttcat gaaattcacc cccacgttct catgaagact      240
atgacgtctc accacaattt cagttattta atttacaata atcaatgctg agttttctgt      300
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acctccttct tgggtgttcta ctaccagcca aacatgtact ccattgcttt ggatacaaga      600
ctttcatctt tttttggcgt ttgtctgtca gaaataacct gataatcact agtagaggct      660
ttgtatgctg tagcaagagg tctcatggta gaaatcctag gagtacttcc aggttggtgt      720
ggtgtacctg gagttttgat tgggtggtgta aaggctaaag atggagatga taaagcacat      780
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cacccaaga gtcacgagg gtgatcttct gaagtcaaag aatctccttg agtataaaaa     1080
ggatccaact gggcaggaga taatgtcgtc tttcgtggct gaccgatact tgctggacta     1140
aacatacttt gccctgttcc aggagtagat gtaactccaa caagaggact ctgcattact     1200
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ggttcagatc ctaacgcggg cccctgaggt tccactgcaa aggtgccat tgcgtcgga     1560
actacactta aaaccagtac cttcccaatt aattttcaaa aatggcgga accggacgcg     1620
tgggcggacg cgtgggcgga cgcgtgggtc gttccagggt tatcagtcgg tacgcaggct     1680
ttcagtggca ag                                         1692

```

```

<210> 5720
<211> 3593
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(3594)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (105)...(3593)
<223> similar to gi38458 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5720
acgccgccgc ctgtgtcatc cgccattttg tgagaagcaa ggcggcctcc acgtttcctg      60
acgctcttct tcgcttttgc ctcgaccgcc ccttgaccac agacatgtct cgggatcggt     120

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tccggagtcg	tggcgggtggc	ggtggtggct	tccacaggcg	tggaggaggc	ggcggccgcg	180
gcggcctcca	cgacttccgt	tctccgccgc	ccggcatggg	cctcaatcag	aatcgcggcc	240
ccatgggtcc	tggccccggc	cagagcggcc	ctaagcctcc	gatcccccca	ccgcctccac	300
accaacagca	agcaacaagc	caccaccgca	agcagccacc	gccgcagcag	ccggccaccg	360
catcagcccg	ccgcgcgcatc	cacaagcncg	catcagcagc	agcagccgcc	gccaccgcgcg	420
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3593

<210> 5721

<211> 9654

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (50)...(9391)

<223> similar to gil661108 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5721

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tcgttggggg	tgctccacct	gaatttcaac	cttccccact	cagaaatatt	cctccttttg	8100
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cagtgcctta	tagcattgat	ggctgcgtca	ggaatctcca	catggcagag	gcccctgccg	8820
atctggaaca	accacctcc	agcttccatg	ttgggacatg	ttttgcaaat	gctcagaggg	8880
gaacatattt	tgacggaacc	ggttttgcca	aagcagttgg	tggattcaaa	gtgggattgg	8940
accttcttgt	agaatttgaa	ttccgcacaa	ctacaacgac	tggagttctt	ctggggatca	9000

gtagtcaaaa	aatggatgga	atgggtattg	aatgattga	tgaaaagttg	atgtttcatg	9060
tggacaatgg	tgcgggcaga	ttcactgctg	tctatgatgc	tgggggtcca	gggcatttgt	9120
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tggaggttaa	ttttgccaag	gccctggaac	tgaggggctg	tcaacctgta	tcatgcccag	9420
ccaactaata	aaaataagtg	taaccccagg	aagagtctgt	caaaacaagt	atatcaagta	9480
aaacaaacaa	atatatttta	cctatatatg	ttaattaaac	taatttgtgc	atgtacatag	9540
aattctttct	gtattcagat	ggtgctaatt	cagactccag	actgaatttt	aattcaagtt	9600
ctttctcaag	tctataaata	atattaaact	gattatttca	ttctaaaaaa	aaaa	9654

<210> 5722

<211> 1639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(1140)

<223> similar to gi403144 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5722

gcggtggaat	tccgaggatg	gccgtcatgg	cgccccgaac	cctcctcctg	ctactctcgg	60
gggccctggc	cctgacccag	acctgggcgg	gctcccactc	catgagggtat	ttctacacct	120
ccgtgtcccg	gcccggccgc	ggggagcccc	gcttcatcgc	cgtgggctac	gtggacgaca	180
cgcagttcgt	gcggttcgac	agcgacgccc	cgagccagag	gatggagccg	cgggcgccgt	240
ggatagagca	ggaggggccc	gagtattggg	accaggagac	acggaaagtg	aaggcccagt	300
cacagactga	ccgagtggac	ctggggaccc	tgcgcggcta	ctacaaccag	agcgaggccg	360
gttctcacac	catccagagg	atgtatggct	gcgacgtggg	gtcggactgg	cgcttcctcc	420
gcgggtacca	ccagtacgcc	tacgacggca	aggattacat	cgccctgaaa	gaggacctgc	480
gctcttggac	cgcggcggac	atggcagctc	agaccaccaa	gcacaagtgg	gagacggccc	540
atgaggcgga	gcagtggaga	gcctacctgg	agggcacgtg	cgtggagtgg	ctccgcagat	600
acctggagaa	cggaagagg	acgctgcagc	gcacggacgc	ccccaaaacg	catatgactc	660
accacgctgt	ctctgacct	gaagccaccc	tgaggtgctc	gggccctggg	cttctaccct	720
gcggagatca	cactgacctg	gcagcgggat	ggggaggacc	agacccaagt	acacgaagct	780
cgtgcagacc	aggcctgcag	gggatggaac	cttcagagaag	tgggcggctg	tgggtggtgc	840
ttctggacag	gagcagagat	acacctgccc	atgtgcagca	tgagggtttg	cccaagcccc	900
tcaccatgag	tatggtagcc	gtcttcccag	cccaccgatc	cccatcgtag	ggcatcattg	960
ctggccctgg	ttctcctttg	gaagctgtga	atcactggaa	gctgtggtcg	ctgcctgtga	1020
atgtggagga	aggaagagct	caggtggaga	aggggtgaaa	gatagaaaag	ggggggagct	1080
actcttcaag	gctgcaaagc	cagtgacaag	tgccagggg	ctctgaatgt	gtctctccac	1140
aagctttgta	aaagtgttga	gacagcctgc	cctttgtgtg	ggactgatga	ggcaaagagt	1200
ttgttccctg	ccccttcccc	ttgtgacctt	gaaagaaccc	ctgactttgt	ttcctgcaaa	1260
aggcaccctg	catgtgtcct	gtgttccgtg	taggcataa	tgttaaggag	gttggggaga	1320
cccaccccc	cccccatgt	cccacccatg	acccctcttc	cccacgctga	cctgttgctc	1380
cctcccccaa	tcattcttcc	ctgttcccag	agaggtgggg	cttgaggtgt	ctccatcttc	1440
tgtcttcaac	ttcatgtgtg	cactggagct	gtaaattctt	tccttcccta	ttaaaattta	1500
gaacctgagt	ataaatttac	tttctcaaat	tcttgccaat	gagaggttga	tgagttaatt	1560

aacaggagaa gattcctaaa atttgaagag acaaaataaa tggaagacat gacgaacctt 1620
ccagagtcca aaaaaaaaaa 1639

<210> 5723
<211> 845
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (652)...(799)
<223> similar to gi21992 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5723
tttttttttt ttggaacctc gggccacaca gctcaggcac acaccatcgg ggctactggc 60
tgcttggagt ttattttccg cttggtgcca ggtgcacagt tccaggtgtc aggaaagcta 120
gcgagtgtcg gggccggggc gtagagagcg gggctctcac tggtttttgg tgtctgtgtg 180
gttgatgcga aggtctgctt gctgcagccg cctagtttac aggggtggggg gtgggaggtg 240
gggagggggg cgagggatgc ggagtgggga gaggggctct ggtggactag 300
cgctccgca ggccgtgggg ctgggtggta accgctcagg tcaggacggg gggccagcgc 360
tggctgtgct ggactgacct cccgggtctg ctctctcggg gcgtcccagag cccaggccac 420
aggcggatcat gctgctggag gcctggggag gttccgagtg ctctgcggac tccaacaccg 480
tggcccatga acgggagggg ggaacttccc aaaaagaagc tggccacaca atgacccggg 540
tcagccttgg ggagacctgg ggggtgggga atggcttccc cggggcactc ggtactgtgtg 600
caggagctgt tgctggaagt ggaacccagg cggcgccggg agtagtcgtg ggtggccacg 660
agcgagccgc tggaggggat ggccgccatg ctttagcttg ctggctgggtg ggatctgggc 720
ggcgacccct cgcgggcctc ggcgcacgat cacgggtggc ggggacgggg gcggctaggc 780
cacggagccc atttgcagag aagaccgcgg gaagccgcgc cacgacagag aggcgcgcgc 840
ggggg 845

<210> 5724
<211> 1555
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1211)...(294)
<223> similar to gi4928064 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5724

tttttttttt	ttcacacacc	agcacgtccc	acctcgtgct	cacggatttt	attacacaga	60
tagtggeggc	aatggcctca	gcccagccca	ccctcacctg	cttttccagc	ccacaaaggg	120
ggacgatcac	ggcccagcaa	aagcgatgct	gagaggggaa	acagtccaga	gtccaacagc	180
agaacttggg	ggaagcggtc	ggggtggcca	ggaacataaa	ctatgtatag	gggcccgggg	240
cttctgcccc	gggtccccct	ggaccaggac	gccaggtagg	gcagggaaac	tcagtagtcc	300
tccaccagc	cattctcaga	gatgaatgcg	tcaataacct	ccttcatagc	caagtgggg	360
atgagctggt	cctgggtcag	ggggctccgg	gtcacggggg	caaaatgacc	cacacgctgc	420
aggtgctcct	cgatgtcctt	gcggctcgtag	gtgatgccac	tgggcgtgat	gcacggctcc	480
cgcacagct	caaagctgat	cttgccacac	aggtagtcgg	ggatgtctcg	cttcttcctc	540
ttctcatcca	cctgagaaaa	aagctcgctc	atgtccgcca	tgtacttgct	gtgcttgccc	600
tcaatgcagg	cctgctgggc	ccggacgtgg	ctgtcgtcct	catcaccttc	gtggtttcgc	660
tagctctctt	ccagctccct	ctcacgcctt	ccgcggcatg	aagcctggag	aggtaggagt	720
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cgaattcgaa	agagcgcttg	ggattgtcgt	tccccgaagt	tcagccgctt	gttcctttgg	840
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ggcactgccc	caggaagaag	tgcgccttca	cagactgccc	gtccagctcc	agggcgcgcc	960
ggcagtcggc	cagggcctgc	tcggtcgtgt	gcatcttcag	gtagcacaag	gcccgggttg	1020
tgtaatacac	ggccaccagc	gggttccggg	tgatcgcgcg	gccgtagcag	gccgccgctt	1080
ccgggtactt	tgcgcccacg	aacagacgat	tgccctgctc	cttgagctcc	tgcgcgctcg	1140
ggctcttctc	ggggcttccg	ccgccagcgc	ccagccgtgc	gccgccctcc	ttctcctcct	1200
tgcccttcat	ggcgccgcgc	ggcacggcct	gggtccgct	cccaagctcc	gcgcctcgcg	1260
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cgagtggggc	cgcgcgtgcg	cccaaccagc	ctggacgggg	acactggggc	cgcgacgtcg	1440
ggggctggga	ggaacgctcc	agttccctgt	ccccgcgctc	ttaagggtag	gcgttcgcgt	1500
aggccctggc	ctgcctgct	gaggtctctt	cggcaccgcg	ctcggcgggc	gccgc	1555

<210> 5725

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (570)...(131)

<223> similar to gi5104682 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5725

tttcgtcggg	cctgaacttc	cagggccggc	tactcctcgg	cagagcgacc	gcgcgggtgtc	60
tcagagcgcg	gcccggagcc	gcactaagag	cgctggacgg	cgggagagag	gctcggagga	120
ccggtagctc	ccagcaaagc	ggcccagcgg	atgtcgggag	ctatcttcgg	gcccctggag	180
ggcccagact	ccctggatgc	cccagacatc	caccgcgtgg	tgtgcccgt	gtgccacgtg	240
cagtacgagc	gcccgtgtct	tctggactgt	ttccacgact	tctgtgccgg	ctgcctgcgt	300
ggccgcgcga	ccgacggccg	cctcacctgc	ccgctgtgcc	aacaccagac	ggtgctgaag	360
ggtcccagcg	ggctcccgcc	ggtggaccgg	ctgctgcagt	tcttgggtga	cagctcaggg	420
gatggcgtgg	aggcgggtgc	ctgtgccaac	tgtgacctgg	agtgcagcga	gcaggcaggg	480
gcggcagggc	gggtgggtga	ggagcaaagg	gtaccgggtt	gcacagtccc	caatgcttgc	540
acatgcactc	agcatgtctt	cagaggacga	cctggcagtg	gattctccag	cacctcccta	600
gggcaccttg	gccccaaatg	tgaaccccat	tataccgggtg	gggagactga	ggtccagaac	660

```

aagggacttg agccagtgtc cagacagtgg cagaggctaa ggccattcga tctggggaga 720
gtcactgggt ccccaattca ggg                                     743

```

```

<210> 5726
<211> 946
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(947)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (875)...(14)
<223> similar to gi296669 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5726
ccgccgggtg cgcggcttcg ccgcccaggg tcgttcgggt cgggtaccat cctccgcgcc 60
atggacacca gcgacctgtt cgccagtgc aggaagggg atgtgggccc agtgcggtga 120
ggacctcgca gtcccgggga ggggtgcgga ggtggccgcc ctcggaacgc ctcgggccct 180
gggacgggcg gctgggcggc cgcggagagg cgggcgcctc tgccgggtca cagccctcgg 240
agcgcccccg cggggcagac caccgggacc ccgcgcgcag cccccagcg gaagcgcgct 300
ggggcgggga cactgatggc cattgacccc cggagggctt cctgtaagaa gggactgtc 360
agcggaggtc cgaaggcgca gaagtgggcg gagagaaggc gggccactgt tcgccctggt 420
agggcccgga cgtcagacct cccgggcgca gggcgcggg ataggcctgg gactccagac 480
gtggccccct tctctcgtgc tctctggacc tggcgcgggg aacacctaga gcccataatc 540
ggcctccggt ccctgaggat tcggaaactc ctgacgcagc taaagtgaat ctggcgctga 600
gatgccccct ccattgggccc gacgcggagg gaaggggtgc ccagttgggt tctggggccc 660
ttccctcctc tgggcttcca ctatcccggt tgacctcctt ttttcttggc ccttcctccc 720
ccttgacctg gtgctgactg actgcttcca cctccctcgg gctggcgccg ggctgctgta 780
ctcccgtagc ctccctgggc cgtccctga catcccggtc cactcaagag ttagtgcata 840
gtgtcaacgc tgagtgggtt cacagcactt ccaggtgcag cctggaggcc tcctttgggc 900
tgcccccgcc acgaaatcgt cgacccgga attccggncg ttgtat 946

```

```

<210> 5727
<211> 2338
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (934)...(1411)
<223> similar to gil707262 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 5727
tcctgaattc ccgggtcgac gatttcgtcg gcggcccgcg gcggaccatg gccctggccc      60
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gggaagggaac tgaccagcga ctgagcggcg gccggcgcg ctagcgccct gaacatgcgg      180
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tgggtctgtgg actggacaat gagagggaga aaatattata tagatcataa cacaaataca     1020
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gagtcacaga gtttaagacc agcctgggca acatggtgaa gccccatctc tacaaaaaat     2160
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gcactgcagc ctgagagaga gagagccaga ccttgtctca aaaaataaaa aaaaaaaa     2338

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<210> 5728

<211> 1055

<212> DNA

<213> Homo sapiens.

<220>

<221> misc_feature

<222> (514)...(1046)

<223> similar to gi3337385 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5728

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tgacgtgacc	ctggctcact	gcaacctccg	cctcccagg	tcaagtgatt	cccctgctc	180
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atgtgtgagt	ggaacaaaag	aaaaaaatca	aaaaacaaaa	caaaacccac	actccaaaaa	1020
caaactaaca	aagaataaat	aaataatata	aaaat			1055

<210> 5729

<211> 1642

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1221)...(224)

<223> similar to gi1707507 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5729

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ttcaccttgc	actgctagaa	agaagcaaca	acagtcagta	tgctattctt	caacatttaa	180
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tgaggaattc	agtttcttta	tcctgtactg	tactatctgt	ggtgttaatt	caagaaccat	360
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gtcatgatct	gtgcatttaa	aagcattttt	agagaaggaa	atactattct	gtatacttct	540
tgggcaaagt	tgaaaaagaa	atccttttag	tttggataga	agctggagaa	tttcaaagct	600
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caagaagctc	ccgacagttc	tc				1642

<210> 5730

<211> 3005

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3006)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2534)...(1270)

<223> similar to gi4884303 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5730

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cagaaatcct	taaaacacat	acatacactt	aggaggaaaa	aggagatgaa	tgcccaatgt	180
ccattagcaa	gtgttaccga	ctaattctat	aattctagttt	tttctagtta	tatcccaaag	240
ttcccaagtt	tagtcctaaa	attttctttc	tgtacattta	cccatttgaa	caacatcaac	300
attaaataac	taaaacaaga	tggtccataa	aattctttct	atagattggt	ggctgaaagt	360
ctcattttcta	aaactagtag	ttcagtattc	cgaaaagctc	tctctgcgtc	ttttcatttc	420
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<210> 5731

<211> 5889

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(5890)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (4760)...(694)

<223> similar to gi3882297 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5731

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ctggcgacg						5889

<210> 5732

<211> 2716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (593)...(32)
 <223> similar to gi2388904 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 5732
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ctttttttcca gatgagtatt tcacctgtct ctccttgtgc ctcagctgtg ggggttgatg      180
taagaaaagc atgaatcatg ggaaggaagg agtgccctcat gaagccaaga gccgctgcag      240
atactcccac cagtatgaca accgagtgtg tacctgcaag gcctgctatg agagaggcga      300
ggaagtcatg gtagtgccca aaacatctgc ttccactgac tccccctgga tgggtctcgc      360
aaaatatgcc tggctctgggt atgtgatcga atgtcctaac tgtggcgtgg tctatcgtag      420
tcggcagtac tggtttgga accaagatcc tgtggatacg gtgggtgcgga cagagattgt      480
gcatgtgtgg cctggaactg atgggtttct gaaggacaac aacaatgctg cccagcgcct      540
gttgagcggg atgaacttca tggctcagtc ggtgtccgag cttagccttg gaccaccaa      600
ggctgtgact tcctggctga cagaccagat cgcctctgcc tactggaggc ccaactccca      660
gattctgagc tgcaacaagt gtgcgacgtc ctttaaagat aacgacacta agcatcactg      720
ccgagcctgt ggggagggct tctgtgacag ctgttcacat aagactcggc cagtgcctga      780
gcggggctgg ggccctgcgc cagtgcgggt ctgtgacaac tgctacgaag ccaggaacgt      840
ccagttagct gttaccgagg cacaagtgga cgatgaaggt ggaacgctca ttgctcgga      900
ggtgggcgag gccgtgcaga aactctctgg agcctgtggt acagccattg acataccact      960
aggtctggta aaggacgcgg ccaggcctgc ctactgggtg cctgaccacg aaatcctcca     1020
ctgccacaac tgccggaagg agttcagcat caagctctcc aagcaccact gccgggcctg     1080
cggacagggc ttctgtgatg agtgcctcca tgaccgcggg gctgttcctt ctctgtgctg     1140
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gttaaaaata atgaatatat atgtgtatat ctctctctca tatatacata tgaaaggcac     1500
tcggggcgta tcgaggctgc tgctggctgt gaagacttcg cacagtctcc tccgcacagg     1560
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ggccaaacac gaattaaagt ataattctta actgaactgg tgggtgggtt gagctttagg     2460
gaagtatatg gcggtcatte ctggtgcgcc tatcggtgtg acatgagccc tggagtgtgt     2520
cgtccctctc agcctgtctc ctctgcctc ctgggtcca gtgactggga ccctactcta     2580
gaactgtgta ccatccaatt cgccatcata aaggaatctt cctgctgatt ttaaagtctt     2640
tcttgattga ggaaggtatg ttaaataaag agtagatttt cccagtagcc taataactcaa     2700
cacatgggat tttacc                                     2716

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<210> 5733
 <211> 2022
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1293)...(722)
 <223> similar to gil276645 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5733
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 caacacagat ccaaataccc tcacatttta aaagtcagga ttccctacac aagttttaag 180
 ctgacgggga ttcaagttct gaagttttca tacatagctt taacttgat taaacacatt 240
 gtttatttac aacggtggag agagaataag gggcagttaa ggccactttt ctctgtgaa 300
 aacgctgcca aaatatgtga catagagtac aacctaatat agccaaaggt tctcaaaaat 360
 catcttttct tggcttcaac gtaaattgaa taatcaatcg gggagtggga gagcggctgc 420
 cgaatagcac cagggccatg ccagggccac gcccaacaat gggcgtgtcg cattcacctt 480
 tttcattgag ctgcccctca gagctgctgg ccgaactgac gcccctgcac tgggccgcag 540
 ggtgtgcgcc gcaccccgaga ccgggtctga aagcacgtgt caaccgggtc cttcagttc 600
 ccatttccca aatccacca aggtccagtc cgacagacat ttccaaaaag aattcctgtt 660
 ctaggaccca cttgcgcttg aggagcacac ccgggggttc aaaggggcag ccaccggggg 720
 gtcaaagggc agccatcagg tactccccag ggaagggtt gcggccacca gtcacttgca 780
 acccgcctc acctccgatg cctgctgtgc ccagggtggt cccgctcata gcgacggccc 840
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 gggagccccg aatctcaaga gcctttgtaa gggagcgtg cgggggggccc tgtctcgggtg 1080
 gggagtcaact cctgctccgg gagcggctct gcgacttgga cccaccagat gtggagccgc 1140
 tgtaactttt cctcctctta ggagacgtg atcgggatgg ggacctcgag tagctctgct 1200
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 aaggcttgct ccctttacct tctttggggg attccactag aatcagaaca agaggttaaa 1380
 agccaaccac aaaacactct cccaataaga aacaagttcg tagagcgaga taaggcccct 1440
 ctacaggtca tacagcgacg caagcagact gtaacttccg gctcccagct gggaccaga 1500
 acttacacag acatcacaga aatgcagatg gggctggacg cgggggctca cgcctgtgag 1560
 cccagcactt cgggaggccg aggagggcgg atcacaaagt caatacattg agaccatcct 1620
 gcccaacatg gtgaaacccc atctctacta aaactacaaa aattagctgg gcttgggtggc 1680
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<210> 5734
 <211> 2296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1947)...(1305)
 <223> similar to gi5921473 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5734

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ttgccatgtt	gtccaggctg	gtctctactc	ctgggctcaa	gcagtcctcc	tgccctcagtc	120
tcccaaagtg	ctggaattac	aggggtgagt	tgctgcgtct	ggtggttggtg	acttttctaga	180
gattactttt	tggtttacat	cattttcctt	gtgactattt	ttactttttt	ggggggcggg	240
gggacagtct	tactcttttt	agtttacatc	attttccttg	tgactattct	atttttactt	300
ttttaggggg	cggggggaca	tgagtctcac	tcatgttggt	caggctggtc	tcaaactcct	360
gacctcagtt	gatccacgcc	cttcggcctc	ccaaagtgcc	gggattacag	gcgtgagcca	420
ctttgcccg	cctgtatttt	tacgttttaa	taaatccccg	tatttttggt	aaaggctggg	480
taacctgact	cctccctca	ttctactgc	aaaataggag	tacactgggg	cctcccagtg	540
gagctgttct	ctgctgtttt	aaattacttt	ctactcctcc	ctttctaacg	tccactcctg	600
gactcatttg	ttagatcaat	atatactggg	actgttgtgt	tttctttgag	tgtactagat	660
ctctttccag	aagagcttcc	cttgatccag	atctccctaa	ttgggaatga	tgatttcaca	720
gactagagtc	tccgatgctg	gtcatgatgt	caaaactaag	ttctgactca	tttagggaac	780
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tcttccgcct	ggtgctgggc	atatcctaag	aacttacaac	tttctgtat	tatcctgtgt	1140
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aataaagcat	tttaaagtaa	agaataatat	aggaaataga	agctatcata	cttgaagtgc	1320
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atacaggaaa	gtttgtaagt	tcttaggata	tgcccagcac	caggggcgga	gatattgtgt	1440
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actcacaaca	ccctaggtc	actaaacatt	ctactactca	ctctcactgc	ccaagaacta	2160
tcaaactcct	cagcctccca	agtagctggg	actacaggca	tgcaccacca	cacctggcta	2220
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ggtctcaaac	tcctgg					2296

<210> 5735
 <211> 1671
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1179)...(1490)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5735

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aaaatagaca	actaccttta	taaatcatat	acctaactta	aatgtttttt	tccaattaaa	120
ggctgatctt	aagaaagctc	aggggatagc	accagaagat	aaaggtaagt	tggcagcttt	180
tgtagtga	gttaattttg	ttattttaa	acttatcctc	aggaaccatt	gttcactttg	240
ccagatttta	gatgtttgtt	caacagacac	tacagaatgc	ctgctgttgg	gccaggcatt	300
atcatatagc	aatgaacaag	acagtcaaag	tccctgccct	caaagagctt	acattctact	360
cccattcaag	aatatagtag	tttttcacgt	tatttattct	tcaagttatc	atctctgtag	420
ttttttatat	gtctaaatac	tgtttgtcct	atggtatcct	ttgagactgt	gttcctatct	480
tggttagtct	aggctgagag	gctcagcatt	gtaagacaca	gtattccatg	gtaaatttaa	540
ccatttggga	cccattcaag	ttgaatgtgg	ctataacctt	agtattgatg	tactggttat	600
atgttttagg	aaactatgac	aaaaataagc	ttgtttttca	aataaaccac	ctatgaatag	660
tgacactaga	tctgggtatt	acaaaatgtc	tttggtctct	tattactaaa	atgaaacaag	720
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gtttttttaa	atggttatgt	gcattattca	taaaaaataa	tggtgtccag	tcttttttaa	1620
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<210> 5736
 <211> 3035
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (2946)...(223)

<223> similar to gi29731 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5736

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cactgtgaag	tcaccaaagg	aactcctgcc	cttctagggtg	ccacttgagt	aataactccc	180
aactcactgg	tcctctaaac	ctgcagcagg	gagatgggtgt	gctaggtagc	tacatgggca	240
ggagaagaaa	tggaaacaaa	ttcccggagg	atgttttttg	ccatctcgat	gttggttctgg	300
gcaatgacca	aagctttctg	gatgtcctgg	taggagtacc	cctgactcat	gaggttctcg	360
atctcactgg	agagctgagg	tgagggcggt	ggcagcagag	gcggcaggac	cactaccttg	420
ctgacagctg	ccagctttcc	gttcagagtt	gattctccgc	gggaatgggt	ttggaggcct	480
ctcgggaact	tgggaacctt	cagtgcacatt	ttgtgggttag	ggatcccttt	ccaggacaaa	540
cagaccaagg	aagagctcgc	atgtgagata	tctgagagag	ttcggcgggc	catcccgggc	600
ggcacagggtg	gctttggggac	atcataccca	tcactctcat	tttctgactc	ctcggggacca	660
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gccatggcct	gggcagggtc	ggagcccagg	cgggtccgcc	ggctcggctc	gactgcgagc	3000
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<210> 5737
<211> 1832
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1782)...(0)
<223> similar to gil006659 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<210> 5738
 <211> 1651
 <212> DNA
 <213> Homo sapiens

<220> .
 <221> misc_feature
 <222> (1539)...(498)
 <223> similar to gi5281034 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5738

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gaaagaaaga	agaatggaaa	agaaaagaag	aaaaaaacca	ccacaaagtc	ccaaacctca	300
gaaattaaca	ttcacttaag	aacacagtgg	tgaagacttt	tggtagcaaa	atctgcacgg	360
ttcttaaaat	gggagtcttc	aaaagtactt	cttcaaattc	aaaagctaag	aaaaccaaag	420
agggaaacagt	tacacaggct	tagtggagat	gccgcctgtc	atgaagatga	ccatcagtc	480
tacttcccag	acacagttag	aaccggtgag	cctgacgaac	ctgaaggaaa	aggccggctg	540
acgggtgctg	atgccactga	ctatacaaga	acacaccggg	tcaactcatc	attgacagcg	600
agagacacac	tactgtctct	cctggctgat	gccaaggctg	cctttctgca	cctcaagctc	660
ctcggcactg	accattgatg	ggtcaatggc	cgcgtatttg	gttccatgga	attgcagcaa	720
atgtatctgt	acataaagat	tgacctctgc	acttctgcac	aggatggga	aattgcctcc	780
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<210> 5739
 <211> 3019
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3020)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2664)...(345)

<223> similar to gi2347131 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 5740

<211> 1617

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (377)...(972)

<223> similar to gi5726238 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 5741
 <211> 867
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (97)...(357)
 <223> similar to gi288145 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5741

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<210> 5742
 <211> 1722
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (268)...(1208)
 <223> similar to gi6002700 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5742

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<210> 5743
 <211> 9502
 <212> DNA
 <213> Homo sapiens

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 <221> misc_feature
 <222> (1)...(9503)
 <223> n = a,t,c or g

<220>
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 <222> (1430)...(3051)
 <223> similar to gi4773880 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 5744

<211> 1682

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (676)...(1265)

<223> similar to gi854065 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5744

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gctgctgtgc	ttccagaggt	ggcgtgatgc	ctcccggggc	cacggtgggg	tgaaggatgg	600
cgagccggac	ataccattgt	tggatgtatt	ttttttaaaa	cagcaataat	tagccatttt	660
aaaggaggga	tgtacctgtg	tgtgtgcatg	tgacgtgtt	tgagcgtgtg	tgtgtgtgtg	720
caagtgggtt	cttggaatag	tgtagtgtga	gcattgtgtg	atgtgtgagc	ctgtgcacgt	780
gcattgttga	gggtgcataag	catgtacacg	cgtgagcatg	catgtgcgtg	tacacgtgta	840
taggtgtaca	tgtgcatgag	ttgtgtacat	gcgtgagcac	gtgtatagat	gtacgtgtgt	900
gtgcgcatgt	gtgcgtgtac	atgtgtttgt	gtcttgggta	tgcataagca	tgacgtgtg	960
tatgaatgtg	cgtgtgtatg	catgagcacg	tatgcatgtg	tgatgcgcac	gttcttgtgt	1020
acttctctga	gggggcacat	atgtatgagt	gtatgagtgc	atacatatgc	atatggtgta	1080
cgtgtgtgta	ctttgtgtgt	gggcatgtat	gcgtatgagt	acttgtgtgt	ggctggtgta	1140
tggtgtgagca	tgccatgtgt	tatggatgca	tatgtgagct	gtacatgtag	agtgtacatg	1200
tgtgttgcac	gagcatgcat	gcgtgcgagt	gcctgtgtgt	gtacttgcat	atatgtggct	1260
gtgcaggtac	ccggcggttg	tggtgtggca	gtgcccgggg	aagcaggtcc	tgctcacggc	1320
ttccctgctg	ggccccaggc	ccggggtgta	gcctccctgg	ccctcttgc	ccctcagtg	1380
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gggagcacag	gggtgggggt	tcacctgctg	ctgtttgttc	ccgaaactgt	actgtgagcc	1500
cacggcgggg	ggcagattgt	tttgaggccc	cagatgtgcc	aaaacagccc	ccaggtggg	1560
ggcgagcgag	ttttgaggag	aggggctgcg	ggggccgggg	gtgggtgtgt	gccccctccc	1620
tgaatggccc	ccaatgctgc	tgtttttcaa	taaaaccaga	gttgaaggca	aaaaaaaaaa	1680
aa						1682

<210> 5745

<211> 1145

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (177)...(771)

<223> similar to gi5706452 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5745

aactgttccc	tactgatacc	ctaggcagtg	tggtggaatt	cattgcttaa	tccccaggag	60
cccagttcct	gtgggcagcg	cctgacatgc	ctgatcctct	cttttctgca	gttcaaggga	120
aagacgagat	cttgacaaag	gcactctgct	tctgcccttg	gctggggaag	gggtggcatgg	180
agcctctccg	gctgctcatc	ttactctttg	tcacagagct	gtccggagcc	cacaacacca	240
cagtgttcca	gggcgtggcg	ggccagtccc	tgacaggtgc	ttgcccctat	gactccatga	300
agcactgggg	gagggcgaag	gcctggtgcc	gccagctggg	agagaagggc	ccatgccagc	360
gtgtggtcag	cacgcacaac	ttgtggctgc	tgtccttctc	gaggaggtgg	aatgggagca	420
cagccatcac	agacgatacc	ctgggtggca	ctctcaccat	tacgtgcggg	aatctacaac	480
cccattgatgc	gggtctctac	cagtgccaga	gcctccatgg	cagtgaggct	gacaccctca	540

ggaaggctct	ggtggaggtg	ctggcagacc	ccctggatca	ccgggatgct	ggagatctct	600
ggttccccgg	ggagtctgag	agcttcgagg	atgcccattgt	ggagcacagc	atctccagga	660
gcctcttgga	aggagaaatc	cccttccac	ccacttccat	ccttctctc	ctggcctgca	720
tctttctcat	caagattcta	gcagccagcg	ccctctgggc	tgcagcctgg	catggacaga	780
agccagggac	acatccaccc	agtgaactgg	actgtggcca	tgacccaggg	tatcagctcc	840
aaactctgcc	agggctgaga	gacacgtgaa	ggaagatgat	gggaggaaaa	gccaggaga	900
agtccaccca	gggaccagcc	cagcctgcat	acttgccact	tggccaccag	gactccttgt	960
tctgctctgg	caagagacta	ctctgcctga	acacttgctt	ctcctgggac	cctgggaagc	1020
agggacttgg	tttgagggga	gttggggagg	ttgtaagaac	accttgacaa	tttcttgaat	1080
attttggaca	ttttaaacac	ttacaaataa	atccaagact	gtcatattta	gctggaaaaa	1140
aaaaa						1145

<210> 5746

<211> 1242.

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (872)...(244)

<223> similar to gi2370153 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5746

tttttttttt	ttctatttaa	tagtgtctga	catttattaa	aaataaggaa	aaaacctttg	60
tacaggtagt	gtattagagc	aggggaaggga	gcagggtcta	ctgtgttgaa	caaaaggcac	120
ccatcagaga	gacagctgca	aattcagaag	aaaacaggat	tctaggcaaa	actaactggt	180
ccacaggaga	aaatgagaga	ttcgatttgg	ttgccaggca	cacttaagcc	ctggcagcta	240
tgtggcagga	acacaagagg	tctctgggga	tggggaggaa	atgggtctcg	ctgaagggtga	300
caggctcctt	gggggacggc	cagctgtctg	gatcactgtc	caggggctgt	gtccagctcg	360
gatacctccg	aggtgagtc	acatcactag	gagccacagt	ctgttggtga	gatgcggtgg	420
atggcgatgg	cagtggtagc	gtaggtctgt	gggcagaatg	atgtagttgg	ctggcagctc	480
ggaggagtgg	aggtgggttg	gcagcagcgg	ctgtgggtgg	tctgtccagt	atgtaacagg	540
agcccagctt	gcacctgaag	tgacggacag	cgtccaaatg	tgcatggagg	ggctgggctg	600
gcaaaagagg	gcggaggcag	cgcgctctag	agtgcggccc	aggagctgca	gcaggagcct	660
ggagcgctat	tcctggaaca	aaggcaagca	ctacgcggga	ggggacagga	gcgcagggga	720
catcgcgggc	gctcgagggg	gagggaggcg	cggaggaggg	gcgcctgtgg	agaccctagc	780
ggtggccact	ggcacagcga	actcttccca	gagcacccgc	ccccaggccc	aagggtctcc	840
cggcctagaa	gtcctcgtec	tcctcccatc	caaagaccgc	cttcatctcg	gccaggaagc	900
cccggtaatc	attgagcagg	gggtctctct	tcctgatgta	ggggatcacc	cactgcaggg	960
ctggccccgt	gaggcggttg	atgaggaacg	tcaccttcag	ggcgctcggt	gagaacgtgt	1020
tctcgctccac	gaacatgtag	gagctcgtct	gcacgatgaa	ctccgggagt	cggctcggtat	1080
ctccgtcaaa	cgtctcggga	aagggaatcg	ggttctctca	gcgacgcgcc	gcgggcccga	1140
ggggcccggc	caggagggcc	ttcatcagct	gcacccgacc	gtccatcgtg	ccgcgcgcgc	1200
tccgaagagt	tacgctgggt	tgcgtggggg	tcagcgctaa	gg		1242

<210> 5747
 <211> 922
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(923)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (638)...(922)
 <223> similar to gil389766 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5747

aattgagacc	ctttgcatgt	gatggcattc	acaaggcaaa	ttacttgctg	aaagaatgcc	60
aagggtcgga	gcagttggag	ctctatatga	tgggtgccagc	tgtgggcagc	atggtgacta	120
ggttggaagt	ggcatgtgga	gttgtcaggc	accacctgcc	atttaacttc	tcatttttct	180
agtttgaaaa	tggtatgagc	ttcgttcttc	ctttcagatc	catgagacaa	tagaaaccat	240
caaccagctg	aagactcagc	gggagttcat	gctgagcttt	gccagagacc	ctcaggggtt	300
catcaatgac	tggcttcagt	cccagtgcag	ggacctcaag	gtaaagaacc	tangagaggt	360
ctgaagggac	ttangtcagt	gaggtgcaca	gctgctttat	tcatgtagca	gctggtagga	420
gacccagagg	aaggagttag	gggccagatt	tttcttttagc	atgttccagg	gtccattttg	480
caattaagca	gggaaatggg	ggcagagcca	tcaagtgttg	atttagtgct	tactttgtct	540
gtcactgtgc	ttcatcttgt	cagggataca	gagtgggaaga	cctgatctct	gctttcaaag	600
cagcctacat	tctgtctgaa	gaaactaggc	tagtatagcc	gggcatggtg	gtccacacct	660
gtaatcccag	cactttggga	ggccgaggcc	gacggatcgc	ttgaggtcag	gagtttgaga	720
ccagcctggc	caacatggcg	aaaccccgtc	tccactaaaa	atacaaaaac	ttagctgggc	780
gtggtggtgc	acccttgtaa	tcccagctac	tggggaggct	gaggcaggag	aatggcttca	840
ttgaaccag	ggaggcagag	gttgacagta	gccgagatcc	gtgttactgc	gtccagcct	900
ggggtgacaa	gcaagacttc	ag				922

<210> 5748
 <211> 3556
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (155)...(3198)
 <223> similar to gi220826 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5748

cgacgatttc	gtgtgggacc	aacggacgga	cggacggacg	cgcgcaccta	ccgaggcgcg	60
------------	------------	------------	------------	------------	------------	----

ggcgctgcag	aggetcccag	cccaagcctg	agcctgagcc	cgccccgagg	tccccgcccc	120
gcccgcctgg	ctctctcgcc	gcgagccgc	caagatgggg	gacaagaaag	atgacaagga	180
ctcacccaag	aagaacaagg	gcaaggagcg	cgggacctg	gatgacctca	agaaggaggt	240
ggctatgaca	gagcacaaga	tgtcagtggg	agaggtctgc	cggaatata	acacagactg	300
tgtgcagggt	ttgaccacaca	gcaaagccca	ggagatcctg	gcccgggatg	ggcctaacgc	360
actcacgcca	ccgcctacca	ccccagagtg	ggtcaagttt	tgccgacagc	tcttcggggg	420
cttctccatc	ctgctgtgga	tcggggctat	cctctgcttc	ctggcctacg	gtatccaggc	480
gggcaccgag	gacgaccctt	ctgggtgacaa	cctgtacctg	ggcatcgtgc	tggcgggcgt	540
ggtgatcatc	actggctgct	tctctacta	ccaggaggcc	aagagctcca	agatcatgga	600
gtccttcaag	aacatgggtg	cccagcaagc	cctgggtgatc	cggaagggtg	agaagatgca	660
ggtgaacgct	gaggaggtgg	tggtcgggga	cctgggtggag	atcaagggtg	gagaccgagt	720
gccagctgac	ctgcggtatc	tctcagccca	cggctgcaag	gtggacaact	cctccctgac	780
tggcgaatcc	gagccccaga	ctcgctctcc	cgactgcact	cacgagaaac	cctttgaaga	840
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tgggcaagac	gcccctcgcc	atcgagattg	agcacttcat	ccagctcatc	accggcggtg	1020
ctgtcttctt	gggtgtctcc	ttcttcatcc	tctccctcat	tctcggtata	acctggcttg	1080
aggctgtcat	cttctctcatc	ggcatcatcg	tggccaatgt	cccagagggg	ctgctggcca	1140
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agaacctgga	ggctgtagaa	accctgggct	ccacgtccac	catctgctca	gataagacag	1260
ggacctctac	tcagaaccgc	atgacagtcg	cccacatgtg	gtttgacaac	cagatccacg	1320
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tggccctggt	ttgacatcgc	tggggttttg	caatcgccct	gtcttcaagg	gtggtcagga	1440
caacatccct	gtgctcaaga	gggatgtggc	tggggatgcg	tctgagtctg	ccctgctcaa	1500
gtgcatcgag	ctgtcctctg	gtccggtgaa	gctgatgcgt	gaacgcaaca	agaaagtggc	1560
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cgtccctgac	gcgggtgggca	agtgtcgcag	cgcaggcatc	aaggctcatc	tggtcaccgg	1980
cgatcacccc	atcacggcca	aggccattgc	caagggtgtg	ggcatcatct	ttgagggcaa	2040
cgagactgtg	gaggacatcg	ccgcccggct	caacattccc	gtcagccagg	ttaacccccg	2100
ggatgccaa	gcctgcgtga	tccacggcac	cgacctcaag	gacttcacct	ccgagcaa	2160
cgacgagatc	ctgcagaatc	acaccgagat	cgtcttcgcc	cgcacatccc	cccagcagaa	2220
gctcatcatt	gtggagggct	gtcagagaca	gggtgcaatt	gtggctgtga	ccggggatgg	2280
tgtgaacgac	tccccgcctc	tgaagaaggc	cgacattggg	gtggccatgg	gcatcgctgg	2340
ctctgacgtc	tccaagcagg	cagctgacat	gatcctgctg	gacgacaact	ttgcctccat	2400
cgtcacaggg	gtggaggagg	gccgcctgat	cttcgacaac	ctaaagaagt	ccattgccta	2460
cacctgacc	agcaatatcc	cggagatcac	gcccttctctg	ctgttcatca	tggccaacat	2520
cccgtgccc	ctgggcacca	tcaccatcct	ctgcatcgat	ctgggcaactg	acatggctcc	2580
tgccatctca	ctggcgtagc	aggctgccga	aagcgacatc	atgaagagac	agcccaggaa	2640
cccgcggacg	gacaaattgg	tcaatgagag	actcatcagc	atggcctacg	ggcagattgg	2700
aatgatccag	gctctcggtg	gcttcttctc	ttactttgtg	atcctggcag	aaaatggctt	2760
cttgcccggc	aacctgggtg	gcatccggct	gaactgggat	gaccgcaccg	tcaatgacct	2820
ggaagacagt	tacgggcagc	agtggacata	cgagcagagg	aagggtggtg	agttcacctg	2880
ccacacggcc	ttctttgtga	gcatcgttgt	cgtccagtgg	gccgatctga	tcatctgcaa	2940
gacccggagg	aactcggctc	tccagcaggg	catgaagaac	aagatcctga	tcttcgggct	3000
gtttgaggag	acggccctgg	ctgccttctt	gtcctactgc	cccggcatgg	acgtggccct	3060
gcgcatgtac	cctctcaagc	ccagctgggtg	gttctgtgcc	ttcccctaca	gtttcctcat	3120
cttcgtctac	gacgaaatcc	gcaaactcat	cctgcgcagg	aacccagggg	gttgggtgga	3180
gaaggaaacc	tactactgac	ctcagcccca	ccacatcgcc	catctcttcc	ccgtccccc	3240
ggcccaggac	cgcccctgtc	agtcccccca	atcttctgatt	ctggggggag	gagccctctc	3300
ttcctgtggc	cccacctggg	ccccacccc	ctccactatc	tcttgcgcgc	cccactctgg	3360
ctggcttctc	tcccctgccc	caaacctctc	tcctctctct	tttctgtgtc	agtttctctc	3420
cctctcctca	cccctctatc	cattcctccc	gccccagcca	cctccctggg	ctctttttta	3480

ctcccccttca gccccccggc tgatgccatc tctggttctg gacaattatc aaatatatca 3540
 ggggggaaaa aaaaaa 3556

<210> 5749
 <211> 2242
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (75)...(1360)
 <223> similar to gi595380 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5749

tgctgccagg	gcgcggggcc	cggggaggcc	ggggtctcgg	gtggccgccc	gcccaggcgc	60
tggacggcag	caggatgggg	aaggcgaagg	tccccgcctc	caagcgcgcc	ccgagcagcc	120
ccgtggctaa	gccgggtcct	gtcaagacgc	tcactcgga	gaaaaacaag	aagaaaaaaa	180
ggttttggaa	aagcaaggcg	cggaagtaa	gcaagaagcc	agcaagcgcc	cccgggtctg	240
tggtgcgacc	tccaaaggca	ccagaagact	tttctcaaaa	ctggaaggcg	ctgcaagagt	300
ggctgctgaa	acaaaaatct	caggccccag	aaaagcctct	tgtcatctct	cagatggggt	360
ccaaaaagaa	gccccaaatt	atccagcaaa	acaaaaaaga	gacctcgct	caagtgaagg	420
gagaggagat	gccggcagga	aaagaccagg	aggccagcag	gggctctgtt	ccttcagggt	480
ccaagatgga	caggagggcg	ccagtacctc	gcaccaaggc	cagtggaaca	gagcacaata	540
agaaaggaac	caaggaaagg	acaaatggtg	atattgttcc	agaacgaggg	gacatcgagc	600
ataagaagcg	gaaagctaag	gaggcagccc	cagccccacc	caccgaggaa	gacatctggt	660
ttgacgacgt	ggaccagcg	gatatcgaag	ctgccatagg	tccagaggcg	gccaagatag	720
cgaggaaaca	gttgggtcag	agcgagggca	gcgtcagcct	cagcctcgtg	aaagagcagg	780
ccttcggcgg	cctgacaaga	gccttagcct	tggactgtga	gatgggtggg	gtgggcccta	840
agggggagga	gagcatggcc	gcccgtgtgt	ccatcgtaga	ccagtatggg	aagtgcgttt	900
atgacaagta	cgtcaaacca	accgagcccc	tgacggacta	taggacagcg	gtcagtgagg	960
ttcggcctga	gaacctcaag	cagggagaag	agcttgaagt	tgttcagaag	gaagtggcag	1020
agatgctgaa	gggcagaatt	ctagtggggc	acgctctgca	taatgaccta	aaggtactat	1080
ttcttgatca	tccaaaaaag	aagattcggg	acacacagaa	atataaacct	ttcaagagtc	1140
aagtaaagag	tggaaggccg	tctctgagac	tactttcaga	gaagatcctt	gggctccagg	1200
tccagcaggc	ggagcactgt	tcaattcagg	atgccagggc	agcaatgagg	ctgtacgtca	1260
tggtgaagaa	ggagtgggag	agcatggccc	gagacaggcg	ccccctgctg	actgctccag	1320
accactgcag	tgacgacgcc	tagcagtcct	gccctgctgc	tgctgccgcc	ccgctacaga	1380
ggcaatgtga	ccagtcacag	ggacagatca	catctcccca	gagtggcaac	tctggtgaaa	1440
ccttttcaga	atcatggcag	aggggcgtgg	cgtggtgcta	ctgagaagg	cctccttcct	1500
cttgactttg	tggtctgaaa	cctggtctta	ctgtccatgt	gtgtttgggc	ccggatggtc	1560
aggggtggga	gcagggacgg	ccatgggcac	gcctggccac	gctttaccga	ctgctgaccc	1620
cctggggccag	gtgaggttgg	ggcctgtggg	ccgccagtcc	atacgggtgt	gtcactgccc	1680
atcttcggtg	acaccctggg	gtgaggtgct	cagcaccttc	ctctcgagga	gccacatttt	1740
cctcctttgt	gttaggggac	ataacaagct	ctgctgggct	tgagggaccc	agaccaggtg	1800
tctgcagtca	gctcctgaga	cacagctggc	cggcacaaca	ggtgttacat	caggggtttc	1860
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gcggttattc	ctggaggtcg	gcagacatgc	caaccttggg	ctatttgagc	tggagaagct	2040
atgtgatgct	agccggtggc	tttctgggct	aggccccagt	ttgaggctcc	cctgggaact	2100

agagccagga	acagccagtg	gcaactgacaa	ggggacggag	tccaaggcgt	tattgggcca	2160
cctgacagct	ggacagaaaa	ggggcagaca	caccgaggat	gcgatttaaa	ataaatgcag	2220
atgtttactt	ggaaaaaaaa	aa				2242

<210> 5750
 <211> 2329
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2330)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2194)...(801)
 <223> similar to gi470340 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5750						
tccccacctg	aacctgtggt	taccaatgct	atgcgagaag	acctggcgga	tatctgttac	60
atcagggctg	tgaccgtcta	cgacaagccc	gcatactttct	ttaaagagac	acctctggac	120
ctgcagcacc	ggctcttcat	gaagctgggc	agcatgcact	ctccgttcag	ggcccgtca	180
gaacctgagg	acccagtcac	ggagcggtcg	gccttcacgg	agcgggatgc	tgggagcggg	240
ctggtgacgc	gtctccgtga	gcggccagcc	ctgctggtca	gcagcacgag	ctggacagag	300
gacgaagact	tctccatcct	gctggcagct	ttagaaagta	gagtttgaac	aactgactct	360
tgatggacac	aaccttcctt	ctctcgtctg	tgtgataaca	ggcaaagggc	ctctgaggga	420
gtattatagc	cgcctcatcc	accagaagca	cttcacgac	atccaggtct	gcacccctg	480
gctggaggcc	gaggactacc	ccctgcttct	agggctggcg	gacctgggtg	tctgtctgca	540
cacgtcctcc	agtggcctgg	acctgcccat	gaaggtggtg	gacatgtttg	ggtgctgttt	600
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<210> 5751

<211> 2166

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2167)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1382)...(1928)

<223> similar to gi433011 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5751

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gaactgtctc	tacagtcaca	ggaagaaaca	ggtatggcac	cgtggccaga	agggggtagg	240
tattcacaga	gagtgggtat	caaggtgtca	aactttgtct	tctgatagtt	ttccagagat	300
tcctgtagag	aagggagcag	ggagagccta	ctatccgaaa	ccattccctg	aaccctctga	360
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atccaactca	gcacatcctg	aagctgctgt	gcctgcggtg	taggcagtgc	tttctccagc	1380
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gctcgggctg	gaggagcctg	agtggagaag	ctgaccgtct	ccagtggcac	tgggtcgctc	2100
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cttccc						2166

<210> 5752

<211> 3136

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (3137)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3125)... (730)

<223> similar to gi3273089 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5752

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aagtccctcaa	actttgcacc	aagtcccaac	attggccagc	agggggcaag	tggtgaagtc	180
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<210> 5753

<211> 2137

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (516)...(1278)

<223> similar to gi5420389 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5753

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ctccaggggc	aggtgccgct	ccactagcac	gtgcagttag	acttggtcag	tgaccaggcc	240
ctgccgccgc	atcagcagct	ccaggtcctc	tggcttcaca	gtcttgccgc	cagcatgagc	300
agcaaatacc	tccagatcat	cacaaagatg	ctggaaatat	ttatctaggc	acttctccac	360
catctcaaga	gccttcctct	ccatggggca	tcttgggcat	aagaagctaa	aagagttttc	420
acattagtgg	ctcatatccc	agccttgtgg	ggatcttgcc	ggggccctgg	ggccggtggt	480
ccggggccta	gggggatgcc	ctgaccaaca	gaggctctgc	aggctctgaa	gataagactg	540
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<210> 5754

<211> 824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (319)...(636)

<223> similar to gi3249069 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5754

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cctccaccct	tcccgggagg	cagccccggg	atgctgagag	ttggtggagg	ggccaggctg	660
gacgcttct	gtgggagtc	cctccagacc	tggtggccc	ctggcagcca	cagaaaccac	720
gatggcaaaa	aatctcattg	gttctcaagg	actaacctgt	gggggaaagc	aatagagaca	780
ctctttttct	ctcttttttt	aaagatttat	ttcttgaaat	aata		824

<210> 5755

<211> 1212

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1213)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (128)...(940)

<223> similar to gil90510 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5755

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ggcctcgcg	aatgggctgc	ctgtggacat	caccaagggtg	ccgcctgccc	ctgtcaacaa	1080
ggacgacttt	gccctggctc	agcggcctgg	cccgggtctg	tctcaggagg	ccgaccggcg	1140
ctatggtgaa	ctcaccaagc	tcctcgtgcc	aagcaggccg	tnntcatntt	acagaggtat	1200

<210> 5756
 <211> 756
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (384)...(722)
 <223> similar to gi804809 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5756
 gctcaagtga tctctctgcc ttagccacct gagtagctgt gactgcaggc atgtgccacc 60
 acgttcagct aactttttaca ttttttttgt agagataggc tctcagtatg ttgccctggc 120
 tggcctcgaa ctctctgggt caagcaatcc tcccaccgca gcctcccaaa gtgctaggat 180
 gacaggtgtg agccactgca ctgcaaaaat acagaagacc aaattattaa aactagaaat 240
 gagaggggac attactattg ttcttagaga cataaaaagg attataatat gaataaaaag 300
 gattatacat ataaacaata tatgctaata attggataga gctggatgaa agacacatta 360
 ccagaaagat atgaactact gaatctgact tgagaaaaaa acagaaaagc tgaatagaca 420
 gacctatgtc aagtaaagag attgaggtag taatcaaaaa actttccact aagaaaagct 480
 gaagaccagc aggcagctc actggtgaat ctaccaata cttaaagaag aattaacacc 540
 aatccttcat aaagtctttc aaaatacaga tgaggaaaga acatttccta acttattcta 600
 tgagggtgat attaacctgg tatccaaact aaagacatca cacacaaaaa attacagacc 660
 agtattttct atgaatgtag atggaaaaat gcttgacaaa atctggcaaa ccaaattcaa 720
 cggagtattc tgtaaacatg aagcagataa taatag 756

<210> 5757
 <211> 2932
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (152)...(1752)
 <223> similar to gi5834428 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5757
 agaaccaccc gtccggccgc ctcgagcgcg gtcttagcgt tcagcggact cgcgcggcct 60
 cgatctctgg actcgtcacc tgcccctccc cctcccgccg ccgtcaccca ggaaaccggc 120
 cgcaatcgcc ggccgacctg aagctggttt catggcagcc tcaaagaagg cagttttggg 180

gccattggtg	ggggcggtg	accagggcac	cagttcgacg	cgcttttttg	ttttcaattc	240
aaaaacagct	gaactactta	gtcatcatca	agtagaaata	aaacaagagt	tcccaagaga	300
aggatgggtg	gaacaggacc	ctaaggaaat	tctacattct	gtctatgagt	gtatagagaa	360
aacatgtgag	aaacttggac	agctcaatat	tgatatttcc	aacataaaag	ctattggtgt	420
cagcaaccag	agggaaacca	ctgtagtctg	ggacaagata	actggagagc	ctctctacaa	480
tgtgtggtg	tggcttgatc	taagaaccca	gtctaccggt	gagagtctta	gtaaaagaat	540
tccaggaaat	aataactttg	tcaagtccaa	gacaggcctt	ccacttagca	cttacttcag	600
tgcagtgaaa	cttcgttggc	tccttgacaa	tgtgagaaaa	gttcaaaaag	ccgttgaaga	660
aaaacgagct	ctttttggga	ctattgattc	atggccttatt	tggagtttga	caggaggagt	720
caatggagggt	gtccactgta	cagatgtaac	aaatgcaagt	aggactatgc	ttttcaacat	780
gtcattcttt	ggaatgggat	aaacaactct	gcgaattttt	tggaaattcca	atggaaattc	840
ttccaaatgt	ccggagtctt	tctgagatct	atggcctaata	gaaaatctct	catagcgtga	900
aagctggggc	cttgggaagg	gtgccaatat	ctgggtgttt	aggggaccag	tctgctgcat	960
tgggtgggaca	aatgtgcttc	cagattggac	aagccaaaaa	tacgtatgga	acaggatgtt	1020
tcttactatg	taatacaggc	cataagtgtg	tattttctga	tcatggcctt	ctcaccacag	1080
tggcttacaa	acttggcaga	gacaaaccag	tatattatgc	tttgggaagg	tctgtagcta	1140
tagctggtgc	tgttattcgc	tggctaagag	acaatcttgg	aattataaag	acctcagaag	1200
aaattgaaaa	acttgctaaa	gaagtaggta	cttcttatgg	ctgctacttc	gtcccagcat	1260
tttcgggggt	atatgcacct	tattggggagc	ccagcgcaag	agggataatc	tgtggactca	1320
ctcagttcac	caataaatgc	catattgctt	ttgctgcatt	agaagctgtt	tgtttccaaa	1380
ctcgagagat	tttggatgcc	atgaatcgag	actgtggaat	tccactcagt	catttgcagg	1440
tagatggagg	aatgaccagc	aacaaaattc	ttatgcagct	acaagcagac	attctgtata	1500
taccagtagt	gaagccctca	atgcccgaag	ccactgcact	gggtgcggct	atggcggcag	1560
gggtctgcaga	aggagtccgc	gtatggagtc	tccaacccga	aggatttgct	tgcccgtcac	1620
gatggaagcg	gtttgaaacc	tccagattaa	tgcgggagggt	aaagtgaat	tccgttattc	1680
tacatggaag	aaagctgtga	tgaagtcaat	gggttgggtt	acaactcaat	ctccagaaag	1740
tgggtattcca	taaaacctac	caactcatgg	attcccaaga	tgtgagcttt	ttacataatg	1800
aaagaaccca	gcaattctgt	ctcttaatgc	aatgacacta	ttcatagact	ttgattttat	1860
ttataagcca	cttgctgcat	gacctccaa	gtagacctgt	ggcttaaaat	aaagaaaatg	1920
cagcaaaaag	aatgctatag	aaatatattg	gggttttttt	tttttttaaa	catccacagt	1980
taagggtggg	ccagctacct	ttggggctga	ccccctccat	tgcataaca	tcctgctcca	2040
ttccctctaa	gatgtaggaa	gaattcggat	ccttaccatt	ggaatcttcc	atcgaacata	2100
ctcaaact	tttggaccag	gatttgagtc	tctgcatgac	atatacttga	ttaaaagggt	2160
attactaacc	tgttaaaaaat	cagcagctct	ttgcttttaa	cagacaccct	aaaagtcttc	2220
ttttctacat	agttgaagac	agcaacatct	tactgaatg	tttgaataga	aacctctact	2280
aaattattaa	aatagacatt	tagtgttctc	acagcttgga	tatttttctg	aaaagtattt	2340
tgccaaaact	gaaatccttc	agatgttttc	catggctcca	ctaattataa	tgactttctg	2400
tctggatctt	ataggaaaag	atactttctt	ttttcttcca	tctttccttt	ttatattttt	2460
tactttgtat	gtataacata	catgcctata	tattttatac	actgagggtta	gcccatttat	2520
aaattaagag	cacattatat	tcagaagggt	ctaacagggc	tggctttaag	tgaaccactg	2580
tgtatataaa	tatgttggaa	aacagctgta	tacatttttg	ggcaacgggt	atgcataata	2640
tttaccagga	gaattttttt	cttaacaagc	caacatttaa	aatttatgtt	ttatgtcaat	2700
aaaagaaaat	atactttatt	gtgacttcaa	ctatatttct	tatcccttac	attttttatt	2760
aattgtctta	gcttaaaaaa	agaagaaact	gtggaatact	acagtaaata	ttgttttcaa	2820
acacaagcaa	taattcaaat	agttattttt	cttttgaatt	aatttttagac	atattttgga	2880
tcctattgag	gggataagag	gatgtcaaaa	aagttaaata	cctaagtaga	aa	2932

<210> 5758
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(778)
 <223> n = a,t,c or g

<220>

<221> misc_feature

<222> (519)...(107)

<223> similar to gi493055 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5758

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atccaagcat	ccagagtctg	gtgtccttta	atcagttggc	aggttcaacc	tggaggccac	120
tggagctgcc	ggccccaag	tacatgaatg	tgcagatgat	acacagattg	tgcacccagc	180
ttcccatcgt	tgatcacaag	tcggtatcca	tctcccaggc	cctcagcctt	tgctgtctgc	240
ttggccacaa	ggagtaggtg	tcctagaagc	tatagagaga	gcggagggac	ataggtggct	300
gctggtcttc	ttcttcagcc	tggtaatcc	gaggaatggg	cttcttagga	atgaccagga	360
agtgcacagg	agcctgaggg	gccacatcac	ggaacacaag	acactgctgg	tcctcataga	420
gaatgtcagc	tgggaggctc	ttgtccagga	tccgggagaa	gatggttggg	gctgctcccc	480
caggagttagc	ctgctgggcc	ttggccactt	cattcccac	agtcacacct	gcagctcctc	540
ggacctgccc	cccgcgcacc	cccggtggcg	ccacggctct	gcgcgcgcgc	cgcaaccag	600
cagccagcac	cacggctgcc	gccatcttcc	ctgagccgcg	ggaacctctc	acccgggtca	660
gcactcggtc	cgcgggcaa	ccgtgggtgg	ggactccggg	cncggcgaa	gcgtgggcgn	720
acgcntnctc	acccanngtg	naacnnntnc	taaatttccc	nnnaaagaaa	gcagcct	777

<210> 5759

<211> 6313

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (19)...(4020)

<223> similar to gi1665789 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5759

gcgagcggct	gttggaggaa	ggaggtgggg	gccgggagcg	caaattggcgt	tgagatgggtt	60
cagggccctg	ttcaaaactc	agcactgacc	attcaccggc	ggaagcggcg	gcgcaggagg	120
cggcggcggc	ccagcggggg	cacacagcag	gctctgttac	cagctccagc	agtggcggcc	180
agcgagagct	aggcccgcgc	ccggccggcg	gcgctcgagg	cggggaggga	agttgcgggg	240
ccgcccgtcc	tgccecccca	accgggcttc	ctattttacc	aaagcagagt	ccctcgcttc	300
tctcggtctc	cacctgccgg	ccctgctctc	ccgcgcgagg	gttccgcgcc	cgcccgcggg	360
ccgtaaggag	cgggagaagg	cggaagcggc	cccgtggcca	aagcaccgcg	caggcttccg	420
aggagaatat	gaaactgggt	gtcaaaatga	catccagatt	tgggaaaaca	tacagtagga	480
aaggtggaaa	tggcagttca	aaattcgatg	aagtcttttc	caacaaacgg	actaccctta	540
gcacaaaatg	gggagagacc	acattttatg	ctaaattagg	gcagaagagg	cccaatttca	600

aaccagatat	ccaagaaatt	ccgaagaaac	ctaaagtggg	agaagaaagt	actggagatc	660
cttttggtt	tgatagtgat	gatgagtctc	taccagtttc	ttcaaagaat	ttagcccgag	720
ttaagtgttc	ctcttattca	gaatctagt	aagctgctca	gttggagag	gtcacttcag	780
tacttgaagc	taatagcaaa	attagtcagt	tggctcattga	agacactgtc	gtttctgata	840
aatgcttccc	tttggaggac	actttacttg	ggaaagaaaa	gagcacaac	cgaattgtag	900
aagatgatgc	aagcataagt	agctgtaata	aattaataac	ttcaggtaaa	gtggagaatt	960
ttcatgaaga	acatgaaaag	aatagtcacc	atattcaca	aaatgctgat	gacagtacta	1020
agaaacccaa	tgcagaaact	acagtggctt	ctgaaatcaa	ggaaacaaat	gatacttgga	1080
actcccagtt	tgggaaaagg	ccagaatcac	catcagaaat	atctccaatc	aagggatctg	1140
ttagaactgg	tttgtttgaa	tgggataatg	attttgaaga	tatcagatca	gaagactgta	1200
ttttaagttt	ggatagtgat	ccccttttgg	agatgaagga	tgacgatttt	aaaaatcgat	1260
tggaaaatct	gaatgaagcc	attgaggaag	atattgtaca	aagtgttctt	aggccaacca	1320
actgtaggac	gtactgtagg	gccaataaaa	cgaatcctc	ccaaggagca	tcaaattttg	1380
ataagctgat	ggacggcacc	agtcaggcct	tagccaaagc	aaacagtga	tcgagtaaag	1440
atggcctgaa	tcaggcaaag	aaagggggtg	taagtgtgtg	gaccagtttt	agagggacag	1500
ttggacggac	tagagattac	actgtttttac	atccatcttg	cttgtcagtt	tgtaattgta	1560
ccatacagga	tactatggaa	cgcagcatgg	atgagttcac	tgcatccact	cctgcagatt	1620
tgggagaagc	tggctgtctc	agaaaaaagg	cagatattgc	aacttctaag	actactacta	1680
gatttcgacc	tagtaatact	aaatccaaaa	aggatgttaa	acttgaattt	tttgggtttg	1740
aagatcatga	gacaggaggt	gatgaaggag	gttctggaag	ttctaattac	aaaattaagt	1800
attttggtt	tgatgatctc	agtgaagcg	aagatgatga	agatgatgac	tgtcaagtag	1860
aaagaaagac	aagcaaaaaa	agaactaaaa	cagctccatc	accctccttg	cagcctcccc	1920
cagaaagcaa	tgataattcc	caggacagtc	agtctggtac	taacaatgca	gaaaacttgg	1980
attttacaga	ggacttgctt	ggtgtgcttg	aaagtgtgaa	gaagcccata	aataaacaag	2040
gagataaatc	aaaggaaaat	accagaaaga	tttttagtgg	cccaaacgg	tcaccacaa	2100
aagctgtata	taatgccaga	cattggaatc	atccagattc	agaagaactg	cctggggcac	2160
cagtagtaaa	acctcagagt	gtcacagtga	ggctgtcttc	aaaggaacca	aatcaaaaag	2220
atgatggagt	ttttaaggct	cctgcaccac	catcccaaag	tgataaaaac	tgtgacaata	2280
cctactcagc	cctaccaaga	tatagttact	gcactgaaat	gccagacgag	aagaccaaga	2340
attatatact	gttggttcagc	acgtgaagca	cttcaacgat	gttgtagaat	ttggtgaaaa	2400
tcaagagttc	actgatgaca	ttgagtacat	gttaagtggc	ttaaagagca	ctcagcctct	2460
aaacacacgt	tgcttagtg	ttattagctt	ggctactaaa	tgtgccatgc	ccagttttcg	2520
aatgcacctg	agagcacatg	ggatggtagc	aatggctctt	aaaaccttgg	atgattccca	2580
gcaccatcag	aatctgtccc	tctgtacagc	tgccctcatg	tatatactga	gtagagatcg	2640
tttgaacatg	gatcttgata	gagctagctt	agatctaagt	attcgacttt	tggaaactgga	2700
acaagatgct	tcacagcca	agctactgaa	tgaaaaagac	atgaacaaaa	ttaaagaaaa	2760
aatccgaagg	ctctgtgaaa	ctgtacacaa	caagcatctt	gatctagaaa	atataacgac	2820
tgggcattta	gctatggaga	cattattatc	ccttacttct	aaacgagcag	gagactgggt	2880
taaagaagaa	ctccggcttt	tgggtgggtc	ggatcatatt	gtagataaag	taaaagaatg	2940
tgtggatcat	ttaagtagag	atgaggatga	agagaaactg	gtagcctcac	tatggggagc	3000
agagagatgt	ttacgagttt	tagaaaagtgt	aactgtgcat	aatcccgaaa	atcaaagcta	3060
cttgatagca	tataaagatt	cccaacttat	tgtttcatca	gctaaaagcat	tacagcattg	3120
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aggagagcag	gacggtctca	taggcacagc	gctgaactgt	gtgcttcagg	ttccaaagta	3360
cctacctcag	gagcagagat	ttgatattcg	agtgtgggc	ttaggtctgc	tgataaatct	3420
agtggagtat	agtgtctgga	atcggcactg	tcttgtcaac	atggaaacat	cgtgtctctt	3480
tgattcttcc	atctgtagt	gagaagggga	tgatagttta	aggataggtg	gacaagttca	3540
tgctgtccag	gcttttagtg	agctattcct	tgagcgagag	cgggcagccc	agctagcaga	3600
aagtaaaaca	gatgagttga	tcaaagatgc	tcccaccact	cagcatgata	agagtggaga	3660
gtggcaagaa	acaagtggag	aaatacagtg	ggtgtcaact	gaaaagactg	atggtacaga	3720
agagaaacat	aagaaggagg	aggaggatga	agaacttgac	ctcaataaag	cccttcagca	3780
tgccggcaaa	cacatggagg	attgcattgt	ggcctcctac	acggcactac	ttcttgggtg	3840
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gctgctttac	ctttgcttca	ggtgctcgg	aatgctggag	ctatccttag	acaaagaaaa	4080
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ttactacatc	aatctgcaac	tatcaaaaat	gaggggaaaa	ggttcaggct	gttaacaatt	4260
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gttatacttt	tttttttctt	tttttattga	tggggcctga	atacaggctt	tctagagatc	5220
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tgtaaaactt	gaagccataa	aaatattagt	ttggtgtgta	ttggggaaaa	tagctaaaag	5340
tctaattttt	acccatttag	actttgttat	ttccttgat	aaagtgacaa	atcggggctc	5400
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gtgtaacgtg	ggaaccattg	agattgtatt	tgccctgagt	attaaagcta	gcttagcaaa	5640
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ttaaaatgca	aaatacattg	atatttatta	atcattggat	ttagggaag	ggacagattt	5760
ttggtgaacc	tgacttggtg	cagatggtaa	ggaatattat	aaaacatttg	gatgagaaca	5820
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gtgtttaaca	gttttttgtt	ttgttttgtt	ttttaataa	taactaattg	tcgagcactg	5940
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agtgcatttg	tgtgttttta	accctcagag	aactctgcat	ttagggtac	ttgaggctga	6060
cttaactaaa	agtttttaa	taaccttttt	tccattgtaa	atatttctgt	aaatactacc	6120
aattggaaat	tagaacagta	gagtactttt	ctgaatccaa	tcctattttt	attttatata	6180
gtattttctca	gctgtgatct	ttggagcaaa	agccaacggc	aggaaaaaat	agtttgtagc	6240
agtttcatga	agtatgtctt	tgggtttttg	taaataattt	taactcaaat	aaaattgcta	6300
ctttcaatac	aaa					6313

<210> 5760

<211> 3206

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2300)...(924)

<223> similar to gi5419890 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5760

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gtacaaccaa	aatttagggg	ttggagcagt	agggaagaca	ggagatacca	gggagcccat	120
tttacagtag	agatctgcat	ctgacccctc	tatcccatat	ctttgcaaag	gaaggagggg	180
gtctacaagc	cagaactttc	agaagagaag	aaaatacatg	ctgtgctggg	gctgtttctg	240
gagcaggtca	tccttttagg	atagaacacc	acctccaccc	gatgacatca	gaaccactga	300
ctggtagagc	ccttggaat	catacagtc	acccatcccc	cgccagacac	atggacacac	360
cgaggctcag	atggggaagg	gtacataccc	tagggcacac	accaaataca	aaagggtgaag	420
tcaggactag	aacacctgag	caacttttag	aggggactgt	ggccacaggc	ctggatgtgc	480
acagtagatc	atgaaataca	ttagtccctg	tgaatgaccc	ccgtgcagag	aaatggcttg	540
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<210> 5761
 <211> 4441
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (60)...(3466)
 <223> similar to gil502311 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5761

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c						4441

<210> 5762

<211> 1105

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1106)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (185)...(666)

<223> similar to gi30168 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5762

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aaagacttcc	atgtgcagac	atcgctgctg	cccagaactc	cctgccaccc	agccatggcc	180
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gcaaatttat	aaacaactat	agcctgagat	tnnggngnt	caaactttag	aaaataccag	1020
tgaacatttt	tggttaatat	tcaaagaatg	tgacattcag	atctcntggn	ttcncgcagc	1080
gttactcagg	tctctaangg	gacct				1105

<210> 5763

<211> 1731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1710)...(814)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5763

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ttgaaaaaca	tggtgcggtg	gtgaatgaaa	gtcatcatga	tgctttgggtg	gaggatattt	180
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cagtcattct	taaagaacat	tttattttta	tacaatgttc	tttcttgctt	tgttttttat	360
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caatttttca	ctttcacaga	tatgaagctt	tgttttactt	tctcacttat	aaatttaaaa	540
tgttgcaact	gggaatatac	cacgacatga	gaccagggtta	tagcacaat	tagcacccta	600
tatttctgct	tccctctatt	ttctccaagt	tagagggtcaa	catttgaaaa	gccttttgca	660
atagcccaag	gcttgctatt	ttcatgttat	aatgaaatag	tttatgtgta	actggctctg	720
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ataaatagac	caaatcattt	atgtgtgagt	ttctttgtaa	taaaatgtat	caatatgtta	1260
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ctgagacagg	agatttgctt	gaacccggga	ggcggagggt	gcagtgagcc	aagattgtgc	1680
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<210> 5764

<211> 1482

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1421)...(943)

<223> similar to gil246757 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5764

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cttgagattc	tctctcaact	gttctctaga	aacacgcttg	tgcttttaaat	ctgcctttta	180
aaagggacac	agaacaaaaa	atggttggtt	gcaaataaac	atctgaaaga	aagtaacagc	240
tgacctgggc	tgaggcatcc	aaacaaagca	gtcattgttg	aaggagacaa	tgcaaaccac	300
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taacctaaact	caaaagaagt	cactgccacc	aacagcactg	tgcagtttta	ttaaccattc	480
aagtccagta	gcctctggta	agattgggac	agaattggga	ttgaaaagtg	aacagatatt	540
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tcggaatttc	cccccgggga	agaacccttc	ttctttgggg	ggggagaggg	ggaattctgg	1320
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ttctccagtt	ctttcacctg	gatatcagaa	gaagccatgg	tgaatagaag	acaagcgaca	1440
gggcagtgt	ttctgcacaa	tcaactggga	taaggaaagt	cc		1482

<210> 5765

<211> 5716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (218)...(4657)

<223> similar to gi406225 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5765

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caccacctga	agattgtgag	ggtcctttta	gacctgcaga	aatcctgaaa	gaaggaagt	2040
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<210> 5766

<211> 2351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(1498)

<223> similar to gi456257 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5766

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cgcggccgcc	tctacttggg	agtttgacc	tgtgaagggt	aaggctctgg	aaggcttccc	1440
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gttgttttct	a					2351

<210> 5767

<211> 2238

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2205)...(506)

<223> similar to gi5912186 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5767

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caagaaaggc	atcttacaat	aatatttctg	ttggtacatt	acaatttttc	agctagtaat	420
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cctcgggagg	gcgccggc					2238

<210> 5768

<211> 2123

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2023)...(1259)

<223> similar to gi930259 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5768						
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aatgacagca	caggcatcaa	attttaaggt	gacttggttg	ggcaccctct	tttcttctgt	420
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tgctagggcc	cttagacctg	ggggccagcc	tttggaatc	ctgtctagtt	gttttgagag	1260
ataggccact	ggccttggcc	agggcctcac	agtatgggtt	aaaactccaa	ctgccatttt	1320
ttctctttct	gacacataga	gtgtaaagag	ttttgtcagg	tcaggtagcc	tcagggtctg	1380
gaccaacatg	aggttttctt	tttaactcat	aaaacctcgt	tggtgttggt	tgtaatatag	1440
gtagttttat	taatctacat	ttttattaac	tgtcaccac	taaaatattg	acttaaatcc	1500
tgcagctatt	tgatttcaag	ctttaaatg	atctggtatt	cctcgtggga	ctccaattgc	1560
atctaaatag	acatgagagt	cgaagaccc	ataaggggct	tctctcgctt	tacaatgtct	1620

ttcttttttt	ccttctgggt	gatgaaatgc	cagggtgaaa	gggatagcca	attggactaa	1680
agtacaagt	ccactccagt	tattcggcag	agtgcccgag	aaagggtccac	cacaatacca	1740
ccacacatct	gctcggggat	gaacaagggc	tgactgattg	ataagctctt	gaaaattctt	1800
aaagctaactg	catectttca	ggtctccaag	gaatgctaag	tttcctccct	gttgtgagag	1860
acacgaagt	aacttagtgt	tgggagacag	aggctggatg	gcccttgggg	gctgatccac	1920
aggggtgctag	actttgggat	gtagcagaga	gagcttggca	tgacttatta	ctccaggctg	1980
tagaatccca	gagaagggct	accatgcagc	ctacgcctgg	ttgactggag	aaccacgtta	2040
gtggaaaagg	gacaatctgg	gcctctggcc	tgccatgtgt	acacacataa	caattgcttt	2100
tgtttaatgt	gcagatggaa	tat				2123

<210> 5769

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (141)...(722)

<223> similar to gi3150438 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5769

ccagtgaaga	aacgccagag	tgtggaaagt	ggaggacgac	tgatgaagga	tgcttgagta	60
cgtttttact	tcaggctcta	tgggagagaa	tcagcttcct	gtctgggtac	ccacaagaca	120
tcttaagctg	tgccatgagc	cagaatccaa	ggaagaggaa	aagacctcgg	aatgtccctg	180
cacctctggt	tcatcagatg	gctcagatga	acatctctgt	tgagcagatg	gaaaccagta	240
aaacttgcca	agcaactcca	ccgacctgtg	ggcagatgaa	gagactagct	cacattgcag	300
acgagaacct	gaggtctcag	aacaagctgc	tgaccaccag	taatctaata	atagctatga	360
tggcagtaat	ctccttggcg	gtgagtctcc	ccgtagctgg	ggcagatcaa	aattacattt	420
attgggccta	cattccattc	ccccactgat	taggtctggt	acatgggttag	accccttggt	480
ggaggtttat	attaatgata	gtgtctggat	gcctggacca	acagataact	gaggtcctac	540
tcattccagag	gaggaaggaa	tgtaaatgaa	tgtttccatt	ggttatcgct	ttcctcccat	600
ctgcctgggg	ccagcagcag	gattttttaa	ttatgataaa	caaatttgga	tggtttatgt	660
ccctgcacat	aatggatcaa	aagcctctat	tcatgcaatc	agtggaagaa	catttcaatc	720
tttgacact	attaaatacc	ttgagcatgg	ctatgttatg	acacatcgcc	agattaataa	780
atttaaacct	aataagaa					798

<210> 5770

<211> 1624

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (528)...(1488)

<223> similar to gi1685379 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5770
taaaagacag tgatctcacg cggaggggaa gatgtttgcc atcaaaatgt gacagaagag      60
acacgctgca tggctcggaa cgcattctcct tgggtggggg ggaaagagac ttagaggaga      120
gaggctgcgc cctggcccag cctggctcgg ctcagctccg cgcgccatgg caagctcggc      180
ttccctggag accatgggtg ccccggcctg cccgcgcgcc ggagcgtcgc cggccacttc      240
caagacactg gccttttcca tcgagcgcac catggccaag acgtcgggag cccgtgcgcc      300
ctttgagccc cggcctggag cgctagaggc ggacggcagc cagggcaaga aactgctcaa      360
cctctgctcg ccgctgcctt gtatgatccc cctccagccc ctaggctacg aggtgccctc      420
aaagacactg ctcagttact cggagctctg gaaaagcagc ctccggggcg gcggcgccgg      480
aggcggcggc ggcgggtggc gcggcgccgg cggggggggc ccagtgtgcg gcgccagcgg      540
cttgtgcaaa accaactgtg gcgtgtgctg caaggccgag ctgggcctgg cgccgtccgc      600
gctgcccgcg ggcaggggtc tcaagccgca ggtcatcaac caggctgtgg ggctgccggc      660
cagcggctcg ctctactact tcaactacct ggactcgacc gcgtacccgc cgtctgagct      720
cctcagcggc cacctcttcc cgtctggcct cctcaatgcg caggcccccg ccgccctggc      780
tgctcacccc aagctctttc tgctggagaa cgccaagctg gccggcctgg ctgcggaaca      840
gttcccccac ccggtccctt atccccataa ggagcgcttg ccggcgccgc tggagcaggt      900
actgaaggaa aactcggccc tgactgccga gcgcggaggc gtcaagggcc acagcaagct      960
gccaggaggc tccgcagatg gcaagcccaa aaacttcacc tgcgaggtgt gcggcaaggt     1020
gtttaacgct cactataatc tcacccgcca catgccggtc cacaccggag ccagaccgtt     1080
cgtgtgcaaa gtctgcggca aaggctttcg ccaggccagc acgctctgca ggcacaaaat     1140
tatccacacc caggaaaagc cacataaatg caaccagtgc ggcaaagcgt tcaaccgcag     1200
ctccacgctc aacacgcata tccgcatcca cgcgggctac aagcccttcg tctgcgaatt     1260
ttgcggaaca ggcttttacc aaaaagggaa ctacaagaac cacaagctga cccacagcgg     1320
cgagaagcag tacaaatgta ccatctgcaa caaggccttc caccaggtct acaacctaac     1380
cttccatatg cacaccaca acgacaagaa gccttttcacg tgcgccactt gcggcaaaag     1440
gttttgagaa aactttgact taaagaaaca tgtgcgcaaa ctccacgaca gcgtgggccc     1500
tgctgccccc tccgcaaagg acctgactag gacagtgcag agctgaagag ctactgcctt     1560
gcccttcctt ccctccctgt accacctgaa aacagatcac acatataaac ttattttctaa     1620
aatt
1624

```

<210> 5771

<211> 2641

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2517)...(411)

<223> similar to gi29472 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5771
tttttttttt ttaagagaga ggcaatttta ttcttccaaa aaaatgcacc aagagagggg      60
gagcacagga gcacccctgg ccacatcccc catcctaagc agggctctgag atgaggccag     120
gcctgacgtg ggcttgggag aagctgacgg agctccctgt ggccttgggg agggaaccag     180

```

gcagacctgg	aagtggaact	ttgttggttag	caccaggagc	cgcccacagc	tgggctcggc	240
aacagggcag	cacatggccc	tggtgcctcc	acctgagagt	ctggggaggg	gctgggtggca	300
gaaggctccc	tgcaggaggt	cacctgaatg	actctcagat	tcacagaccc	cctctgcccc	360
cacaaccctt	gtaaacaatga	gaatgggctc	gtgacaccct	caacacctca	ggacaagatg	420
agggctccgag	atgtgtggct	gggcttcagg	cggcccagga	gctgcccggc	tttctcctgc	480
atgaaaagct	ggtccctggg	ccccccgcag	gccaccgtct	tccaggcact	ggacataggg	540
gcaggtgtcg	tgaagtggct	tcggggcttc	tgggccactg	ctgccttctc	gggcttggcc	600
tgcaagaagc	cctgggttag	caagctgttg	tcttctttga	tacctgacag	ggtgaggctg	660
gaagagtttg	aaggggcagt	tgtcggcaag	gatagagact	tgggcagtgt	ggacatcatc	720
agcttcatat	cctcatccac	aatgtcaaga	gccagagact	tccggacttt	cttgatgggg	780
ctccgcgcga	gcccaggctt	cctcttctgc	ttctcggggc	tgatgtcgtc	ctcgatgatg	840
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tggtggcagg	gcttcagggg	tcggtacttc	tccagggcgt	tcttgaacgg	ggttggcgtg	960
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ggggtggatg	tcagcgaggg	gctctccagc	tccaatgtgt	cctgtttgtt	ccagaagttc	1140
agaaactggg	agggcgagaa	gggcagggtc	ttaacagggtg	tgctcttggg	cgtgaggctg	1200
ttacaggaat	ccaggaagga	cagactgggtg	ctattctcag	tgacagggga	cagagccaca	1260
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ctcacgcttc	gggaattcct	ccaagggtc	tggtgttcgc	actgcgtcca	gatctgtacc	1740
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ctcctttatg	gtaggaggga	cggaggggca	gttggtcaga	agacttccct	ggccttccgt	1860
gggctgggca	ctctggaggc	cgtccttgct	ctcgagctcc	agcagcaagt	acactggggg	1920
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gttccagtga	ttcttcacag	cattgtctgt	cctccctggc	aacatcttgg	cgatctcggc	2040
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gcaagacttc	ttcacctcag	ggttgagggtg	gttgtgccag	cgttcacggc	actgcttccc	2160
cagccggccc	ttcagggtgt	tggcaatcag	tgtccactgc	tttgtgccat	acttcttaac	2220
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ctcatgggtc	catttgacct	tgcacttgct	atccctctgc	tccggcacat	ctgaatctgt	2460
gtcctggtag	tgcagctcat	ccatgattca	ctcagcgcgc	gtccgcccag	acaatcccc	2520
ggcccggacc	gcgcgcgct	cgcccgcgcg	cggcagagc	cgggagcggg	agccggggcg	2580
gggtcaggac	cggggtgtct	cgggcgcgtc	cgggcccccg	gccgcgctcg	aaggcgtcag	2640
c						2641

<210> 5772
 <211> 1523
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1524)
 <223> n = a, t, c or g

<220>
 <221> misc_feature
 <222> (1484)...(417)
 <223> similar to gi3875351 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5772
 cttttctaaa caaatTTTca cattgtaaac aaagcgtcct attttgtatt tgagttttgc 60
 cttttcttct ctagggaact ataagagagt ttctgtgacc attagagga ctccattttc 120
 accgctgaaa tagaattatt gcccttatag tcttgctggc aaattgttag aaaaaaagtt 180
 tatttacagt attttgcttt tccataccaa ttctagttag agttcacat tcttaaattc 240
 ccagtcagca actgcatttc tccctccaa tgcctctcc atgacttate tctgaagttt 300
 cgagccaatg tttaaaatgt acactattta caaatgaagt gtccaaatgc catattccca 360
 gctctccagt cagcaggggg acccttctga agtggtgtca tgtgctggga ttcagaactt 420
 gaacaagttg ataaagtcct ggggtgaaag tgaaacggag cagctctctg gggtattggc 480
 agtgcacgga tggtcagtgc cttccagga aaggatgtga cagtgtttgc agagctgaag 540
 ggtatctcca tactgctctt tcttgggtta acatcggaca agtttgaaat acatcttctt 600
 ccaatccagc tgccctttgt ctgacagaat taatcgtttg cggatctgcc gctcggagaa 660
 gtggtactgg cagagtttct tccacagcag ccggtcttcg ctgagcacgt gcaggtcggg 720
 ggcagcctgg ccaggtctga ccaggtcccg ccgctcgtc agcctctgca tgatgttcag 780
 ttgtaggcac aaaggcaggt cagtgaaggt gaggcctttg aaggcaggcc tggatgtctg 840
 aatgttgctc agctgctgct gccagtggag aatcgtctcc atccgataca cccacatggt 900
 aatgttcccg accagcacag acttgccgac tctttggacc agtgtacata aggatgtgta 960
 gaggtctcgg agtagttccc ttattagtct aatgttttgc tggcttcaa ggactttcag 1020
 taccactttt tccaaaatat tcatgaagtt cttttgggcg atgccactca gggatgtgag 1080
 ctgtgacttt gctatcagct ccaacagccg gaccacgtag ttaaatcttc tggaatccag 1140
 aatggcagtt gagaagtcca gtctgttgaa agcttcccc aggggtgcaat atccatggcg 1200
 ctcttttagta cttcctttgt gaacatagat ccatttttct tgggtgaaat actgagtttt 1260
 ggttttgcta ttcagcatgt ctttctttct cttcttggct gcaacatcat agttcaggct 1320
 gttgaaaaga ttctccttat tgtatacctc cttgttgtag taactgctga ggtcgctcac 1380
 gaaactgccg ctcttctcat ccaggaagcg cttccagccg tcgaccgtct tcacccagtt 1440
 ctgccccggg gaccgccagt cctgcccag gaatggcatg gccccgcgag cgaattcaag 1500
 cncnccaact aatggtctcg aat 1523

<210> 5773
 <211> 6582
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(6583)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (527)...(3388)
 <223> similar to gi2224671 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5773

tgcatgtccc	cgccctcgccg	ggcggcgccg	gcggtgagg	agcctgagge	ggcggcgccg	60
gtggctccgc	gcgcgggtggt	ctcgggggca	aaataacatg	gcagccagac	gaattacaca	120
ggagactttt	gatgctgtat	tacaagaaaa	agccaaacga	tatcacatgg	atgccagtgg	180
tgaggctgta	agcgaaaactc	ttcagtttaa	agctcaagat	ctcttaaggg	cagtcccaag	240
atccagagca	gagatgtatg	atgacgtcca	cagcgatggc	agatactccc	tcagtggatc	300
tgtagctcac	tctagagatg	ccggaagaga	aagcctgaga	agtgcgtat	tttcagggcc	360
ttccttcaga	tcaagcaacc	cttccatcag	tgatgacagc	tactttcgca	aagaatgtgg	420
ccgggatctg	gaattttctc	actctaattc	tgcggaccag	gtcattggcc	accggaaatt	480
ggggcatttc	cgttctcagg	actggaatt	tgcgctccgt	ggttcttggg	aacaagactt	540
tggccatcca	gtttctcaag	agtcctcttg	gtcacaggag	tatagttttg	gtccctctgc	600
agttttgggg	gactttggat	cttccaggct	gattgagaaa	gagtgtttgg	agaaggagaa	660
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ggcactaacc	aaatccagaa	aaacactcca	agtcctgatg	tgaccctggg	gacaaacca	960
gggacagaag	atatccagtt	ccccattcag	aagatccctc	tggggctgga	tctgaagaat	1020
cttcggctcc	ccagaagaaa	gatgagcttt	gacatcatag	ataagtctga	tgttttttca	1080
agatttgga	tagaaataat	caaatgggca	ggattccaca	ccataaaaaga	tgatattaaa	1140
ttttcccaac	ttttccagac	tctctttgaa	cttgaaacag	aaacctgtgc	taaaatgctt	1200
gcctcattca	aatgttctct	aaaaccagag	cacagagatt	tttgcttttt	tactatcaaa	1260
tttttaaagc	actctgcttt	gaaaacaccc	agagttgata	atgagttttt	aaacatgctt	1320
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cttgccctag	aaaccaccaa	ctctctctgc	cgggaagtctt	tggccctttt	gggacagaca	1560
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tacatagacc	acctgaaggc	ctggctagtc	agcagcggat	gtccctcca	ggttaagaaa	1740
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gtgggcacca	tcgaccagct	tgtgaaacgt	gtcatcgaag	gcagcctgtc	tcccaaagag	1920
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gccgaccaga	agccgacctc	agcagactgt	gcagtgagg	ccatgctgta	ctcccggt	2100
gtccgcaacc	tcaagaagaa	actccttccc	gtggcagcgg	cgggggctcc	tccgtgctca	2160
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gcaagtcat	gaaggttggc	atgattccag	ctcccaagag	agtgtgtctc	atccaggagc	3060
caaaagtcca	tgaaccagtt	cgaattgcct	atgacaggcc	tcggggctcgt	cccatgtcca	3120
aaaagaagaa	acccaaggac	ttggacttcg	cccagcagaa	gcttgaccga	taaagaacct	3180

gggcttccaa	gatgetgcag	aagatgggct	ggaaggaggg	ccatggcctg	ggctccctcg	3240
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tggggcctca	gtccttccac	ctgcagcctg	ccgcttgggt	ccttcacagc	caagatggct	3360
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 <212> DNA
 <213> Homo sapiens

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 <222> (1839)...(242)
 <223> similar to gil88864 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 <211> 9401
 <212> DNA
 <213> Homo sapiens

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 <222> (448)...(7689)
 <223> similar to gil665821 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5775

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<210> 5776

<211> 2746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2598)...(606)

<223> similar to gi5579331 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5776

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<210> 5777
 <211> 2841
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2842)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2044)...(367)
 <223> similar to gi3142288 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5777						
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agcacagggc	tcgtgtgggt	gaacagtctg	cagtcaaagc	cgatgctggg	tgtccctgta	180
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<210> 5778

<211> 2522

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1720)...(604)

<223> similar to gi330123 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5778

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gcccccgctg	gctgtccttc	caacccccacg	tgtttttct	ttctcctgcc	cgttctttt	180
cttcatcaca	aaaggcgtgg	agactcggag	acggacgttt	ttccccTTTt	ttaaagtatt	240
gacgcccagc	gcgcctcgcc	tcttcaccca	tcaacgtgtg	gctttgccc	ctggactcct	300
gaagaggggg	tggggggctc	cctcggtcgc	ccaccctggg	aagtgcctaa	ccttttattt	360
tattttattt	ttttgaggaa	aaagaacgcc	tgactcacag	gttgaagaaa	caccctgggc	420

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aa						2522

<210> 5779

<211> 3152

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2804)...(208)

<223> similar to gi433338 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5779

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aggaacatgg	ccaggcactg	acagcatcac	tcgtcgctt	gttgaaggag	cagaaggtgg	240
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aatagggggc	ttttctttga	caaaagggtg	aagttttccc	acaaagtaac	cccaaaggc	480
ccacacatca	cttgctgtag	tgaacttgcc	cagcaagata	ctctcccaag	acatccagcg	540
gatagggagc	actgcccggc	cctggatccg	gtaatagtca	ccactgtaca	ggttcctgct	600
cattccaaaag	tcagctatct	tgattgtgta	gttcttacct	actaaacagt	ttcgtgtggc	660
cagatctcgg	tgaacaaaat	taagagagga	aaggtaactt	atgccagagg	caatttgggt	720
agccataaac	ttcagattgg	tgtaactgac	agtgcgtaca	tcgctggagg	aagaattagg	780
gggctcgtgg	cgggaaagaa	actgattgag	atctccattc	tccatgtatt	cagtgatcat	840
acagagaggg	tcatcagtga	tacacacaga	taatagatgg	atgatgtttg	ggctcttgag	900
ccgagacatg	atctttatct	ccttaagaaa	atcattcctg	gcattcttgt	tggcatctgc	960
tcggagcatt	ttcacagcca	ccaggacagg	ctgggtggca	ctgacatcta	gggcaaaatc	1020
tttgtctttg	aattttttcca	ttccctccac	ttcacagaga	tgaacctccc	caaactgtcc	1080
ttctcccagc	ttctctttga	aagttaggag	tttccctggg	ggaaactccc	tcccacagcc	1140
acatcttttc	cctgagagca	ggtccatggt	gacggcaggc	actgagtatg	tgttgccctcc	1200
tgctactcct	tggaggttca	ctatgtcagc	ctctgcatag	tggggcaccc	cctcagggcc	1260
actgggctgg	actggcttca	caacaccgct	gcagcctgac	tcctcctccc	ctggagcaaa	1320
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gcgatcgtaa	gtcaggttgg	acccttggtc	actaggtgat	gaggagcggg	tattgttgaa	1440
catgctagaa	tcacttggca	gggaaaggct	gactgtcatt	tcatcatcca	gcatectccg	1500
agaagccttc	tccagcattt	tctgccagaa	ctgcctccag	aggatgatga	caatgattgg	1560
caggaggatg	aagatgatgg	ccaccaagca	gccaatcagg	atgcgagtgt	tgctgtcatc	1620
aatttaagc	attggtatcat	aggttgtggg	tgccatagga	gaggtgggca	gggcttcaga	1680
gttgttgtac	attgcagcat	ctgattggaa	ggtgatctca	ctgaacatca	tccaggtatc	1740
tgcaaaatgg	tattgacact	tgatggcact	ggccattcgg	tgggtggagag	gcaccgtgac	1800
aaaccgagca	ctgggggttga	cgtcatccag	gacaaggggg	aaggaaatgg	cattaggttc	1860
ccactcactg	gcttcagagc	ggaagtagca	ctgtacctcc	ttaaagatct	tcacaccttt	1920
agcaaacatg	ttgttgtagt	ggaccttcat	ggtagtgaaa	ttcctgatgc	gggtcaaattc	1980
aaacatgatc	tcaatgtagc	cattggtggc	actctcggtc	cgccagccca	catagtcata	2040
gccggggccac	acgtgggtatt	catgggtctg	gggtgaaatcg	tccaggccag	acacaccatc	2100
gggtcaattgg	cctagccctt	ctgtcatgct	gtatccaaca	gctccatcat	agacagaatc	2160
attcagataa	atgatggaac	ctccaggggag	tacaaactgc	tgcccagctg	gagcattgta	2220
agacaccaag	ccatctagcc	agacacagcc	gtaaagctcc	actctcatac	acacattcat	2280
ggagtgggtcg	gtgactggaa	tgaaccggac	aaatctggct	acaatgggcg	gctccaagtc	2340
ctttaggaaa	atgtcatagg	ggttactatt	tccatccagc	acctgtttcc	catgacgggt	2400
ccgccaagag	atccagcgag	tgccatcccg	actgtaattg	atcttgtaca	tgggggcaaa	2460
ctcgatgcca	tgacctcctg	catggcgccc	ctgggtcccc	accagagtga	taaaatggag	2520
ggtgtgcaag	tcaatctgca	gaaactcett	caggtcatca	ggttccactg	gaatctcagg	2580
gcaccaggct	ccatcccctt	cttctgagtc	cagcettcca	tatttggcag	ctgtggactc	2640
tgaccactga	ctggaagctg	tgatgtcttc	atctggaatc	tggcctcctg	acatgccag	2700
aggatagcgg	catatagctg	gattaacctg	agcttttgca	gaactcaaga	taggcagcag	2760
caggaacagc	accaagagca	ttctgggaat	caggatcatc	tcagaagatg	gtgttggaac	2820
tggagtatca	acgggtgtag	agcatttctt	gtggagcagg	atcctcaaaa	acagctggcc	2880
tctgcttctc	ttcaattatt	tcagcttctt	tagaataatt	caagccacaa	accttggaac	2940
tttctagagc	actgaacccc	aggcaacttg	taggtctccc	ttgatggagg	tttcatccag	3000
gggtgcacag	ttttggaaaag	aagaaaacag	agctataatc	cactgcgttt	cccaaaccga	3060
aaaagaagaa	tttgttgtga	aacgcttctt	tttccacttt	gctgggtgaag	gagcccggtg	3120
gtaggcatac	atccacaggg	tgatgcaaga	tg			3152

<210> 5780
 <211> 878
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (752)...(713)
 <223> similar to gi5732934 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5780

tttttttttt	ttatgagttg	gaatcaactt	tattgatacc	tgagaaaaag	ggcaggaaaa	60
atattcctcc	tgaccaggtg	gcctgtcccc	tgaggccaga	tcattctctc	gcctctccct	120
taagccctgg	gtcatttggg	acctcactgg	ccagcaccca	gaggctgaag	acatccacag	180
ccagagcctg	ggaagccaga	cccagagacc	aggagagggg	atgtctacag	cgtggctcct	240
gagggtcagg	ccaaggtcag	cgtgggaccc	tcatcggtca	agggccagcg	cctcttggat	300
cactgtccgg	agtccgatgg	aaaacagctc	ctcccatggg	tcccggatcc	aggcaagcag	360
ggctgtcagc	tgtccttgac	acaccacacg	gagtgcccaa	aagctctcca	gccgggacac	420
ctcatcgtag	aagagcagcc	gcaagtcctc	aggggctgag	cggtagagca	gcacggagct	480
caggctgctg	agtggctgct	gtcccttgac	acgcacagca	gggcccggcc	ccgagggagg	540
caccttctca	gaggcttgcg	cagatgctgc	tggaggagag	ggctctgccg	gggaccctgc	600
agcatcctca	tctaacagga	acaggggtga	cggagtcagc	aacagggata	cgaggcaggt	660
ggaagggcct	gcagggaaaag	aggcatccag	tgtggaaggt	catggagggg	cccagatccc	720
tggggccagc	gtcccagtgc	tgtgggggag	aagaggtgtg	aaccacactc	tgaggtgggt	780
cacaaagcag	cctgtgcccc	tggggccaag	accctccctt	tcccaagctc	catgaatctc	840
tactctggaa	tacctctgcc	tcttgggaat	tccaccgc			878

<210> 5781
 <211> 892
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(893)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (433)...(688)
 <223> similar to gi1345538 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5781

aaccttatta	ttactgaagt	cgcttggta	cacacaaaca	tctacagtgc	ctcctggcca	60
ctccttctgg	acttttcttt	cctagcccag	gtcaaagtgg	gccttcggga	ggaccctgga	120

ggagaagccc	cctcctcttc	acttccaccc	tctctcttcc	acccctggaa	gtcagctttc	180
tgacctcaga	atcccagcta	tcttctggac	tcaggtgaca	agtcacctaa	gtgacagatc	240
cagcatgcac	tttatgacca	tcactctgct	cctcctgcat	cagcgcccca	cccaacagag	300
ccgaccaggc	tgggaacacc	gagaccgaga	gcgctggtct	gtgtctacaa	aggcctcctc	360
tttgagggag	acacgcgagg	cacgggtggg	gcgatgagac	aggatcgggc	ggcctctgac	420
agtctctgaa	gctgggagaa	catgacccca	tgctctcctg	ttggagtcac	cacctctttg	480
ccaacagcca	ccaaacctcc	acctccaatt	aagctccacc	cccatgtccc	cactgccctc	540
cggacatctg	ttcagcaccc	ccctcgacct	ggccaaggct	ccacgcaccg	ccctgggtttc	600
ccgctctgcc	cagccccccg	ctgaagtctc	taatgggttc	ttccgattcc	acctgtccaa	660
ggtaaaaccc	tgaggttgtc	cctcctccgc	ggcacctcca	ggatatctgt	tgtcagggtc	720
gaaatgtttc	ccaaggccct	ggctcctctt	ctttccaaac	cccgaaggca	gctgattagc	780
aaattttgac	tctaacctca	aaacatgttc	cagaattcag	ccacattctc	cccacttccc	840
cgcttgcccc	tgggccccgc	tattccatct	caatctctgc	nccggcgcg	gg	892

<210> 5782

<211> 1207

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (282)...(1125)

<223> similar to gi5732634 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5782

ggaggcagga	ggtcgggctg	gggaggtgca	catagtgatg	ttaacttttt	cccgtgtgta	60
aatatggaca	gccgaagggt	cgtgtaaatg	ttctgcaaaa	gtgggtctat	acagagtga	120
agctatttat	tttgtgcaga	gaaaaagtc	tggagggatg	gaaccttcag	ggtttattca	180
tattttaagat	gtagcttttt	gttgtttcag	gcattatgta	taaagcaacg	attattttat	240
ggaccaagtt	ttcatgtaac	tgttgcaagt	aaagtgcaat	atctgacccc	cctgctccca	300
gcaggaagtt	gcttgccccg	acaatcacag	ccccgtcag	gggcccgtgt	gccagtgcct	360
cctcctctct	tggccccacc	ttatcctgtc	ttgcctgctg	cctgggagac	cagccatcca	420
gagaagcacc	tgggaagagtc	tcgggcccct	ctgcaataaa	ggccgggagg	ccctgtgggc	480
agtgggtca	gcctctcccc	aggggggcag	ctccccacg	gtcctcact	ccccgcctgc	540
ctgcccagcc	gccagccatg	ccaaggacaa	cagcaatagt	ccctgggggc	tctcccagcg	600
gccctcagcc	atagatggca	aggtgggcag	cctgcccccc	catgggaagt	ctcttctgta	660
tccaggtctg	ctttccacct	cccttcagat	tccttttggc	acattctcct	cttgaggaag	720
taccagtctt	tctgaaacta	agagagggag	ggcagcgctc	tttaaaaata	ccaaaaatgt	780
ttacagagtt	gggtgctgag	ctgcagggct	caggcctgac	cagtcataac	caaagggtga	840
ggcaggcctt	gctgactgcc	accccccagg	cctgttagaa	tagaagcctt	agtcccactc	900
ccaccacacc	cccacgcccc	accacctgcc	ttctctttga	tttctaaaga	gggggttcag	960
cagagacccc	ccacccctcc	ctggctcggt	ctgagtccca	ctgcccaccc	catcacagcc	1020
ttcacgtctc	agccctctcc	gtctgggtct	tcctgtgtgc	gtctgtttct	ctgggcatg	1080
tgtgagcagt	gtcccatctc	ccccatccgt	ccctgctgtc	cccgcatcat	tgggcctgag	1140
tgtgctctgt	atacaacgtc	atgtctgtta	caccaattaa	agaagcggga	aggcttcaaa	1200
aaaaaaa						1207

<210> 5783
 <211> 2131
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (395)...(1798)
 <223> similar to gi483843 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5783

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ctcagaagtt	aatggaaaag	gtgaggtctc	tgaactaatc	cagactctcc	catgaggttc	120
ctttggcaag	tcctgggctt	ctgtcctcat	ctgcaaaatc	gaaagcattc	ctgaggtttc	180
ttccagctct	gcatcatcag	agttgggaag	cccgcctcca	agcccggaag	acccgcctcc	240
tctgtaaggt	taaaggagga	agaggcagag	attggaggtt	caggcagtga	cgtaacttgc	300
tgcccttaggt	ggccttccgc	tctggcggct	gtcgcgacgg	gggttcaggg	aatatttact	360
gggcctctcc	gctccctctg	ctcttgagg	tgccatgagg	tcagttagct	acgtgcagcg	420
cgtggcgctg	gagttcagcg	ggagcctctt	cccgcacgca	atctgcctcg	gagacgttga	480
taacgatacg	ttaaataaac	tggtgggtgg	agacaccagc	gggaagggtg	ctgtgtataa	540
aaatgatgac	agtcggccat	ggctcacctg	ttcctgccag	ggaatgctga	cttgcgttgg	600
ggttgagac	gtgtgtaata	aaggaaagaa	cctgttggtg	gcagtgagtg	ctgaaggctg	660
gtttcatttg	tttgacctga	cacctgccaa	ggtgttggtg	gcttctgggc	accacgagac	720
actaatcgga	gaggagcagc	gtccagtctt	caagcagcac	atccctgcc	acaccaaggt	780
catgctgac	agcgacatcg	atggagatgg	gtgtcgtgag	ctggtggtgg	gctacacaga	840
ccgtgtggtg	cgagctttcc	gctgggagga	gctaggtgag	ggtcctgaac	atctgacagg	900
gcagctgggtg	tccctcaaga	aatggatgct	ggagggtcag	gtggacagcc	tctcagtga	960
tctggggcca	ctgggtcttc	ctgaactgat	ggtgtctcag	ccaggttggtg	cgtatgcaat	1020
tctactgtgt	acctggaaaa	aggacactgg	gtccctctct	gcctctgaag	ggccccagga	1080
tggtagtagg	gagacccag	ctgcccagga	cgtggtgctg	caccagacat	ctggccgtat	1140
ccacaacaag	aatgtctcca	ctcaccta	tggcaacatc	aaacaaggcc	acggcactga	1200
gagtagtggc	tctggcctct	ttgccctgtg	caccctggat	gggacactga	agctcatgga	1260
agaaatggaa	gaagcagaca	agctgctgtg	gtcagtgcag	gtggatcacc	agctctttgc	1320
cctggagaaa	ctggatgtca	ccggcaacgg	gcatgaggag	gtagttgcat	gcgcctggga	1380
tggaacagaca	tatatcattg	atcacaaccg	caccgtcgtc	cgcttccaag	tggaatgaaa	1440
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cgtatatgtc	actttcaacc	agaagatcta	tgtgtactgg	gaggtgcagc	tggagcggat	1560
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tctttggatc	acactgcgcg	gctgctggct	ccatcacaaa	acaatgaagg	aggaagtggg	1860
acgcagagag	aaacgcacat	ggggagaacg	ccacgtgaag	gctgaggtcg	ggataatgca	1920
tctgcaagcc	aaggaacacc	taagaggacc	agcaaacacc	cagaagccag	gggagaggcg	1980
tggaacagac	cctgccttac	agctgtcaga	aggaaccaac	cctgccaaca	ccttctctgtt	2040
gtactttcag	cttcagaaac	tgtgcttgca	gggcttgaga	gaaatggaga	caaagaaggc	2100
cgtgggcagg	aggccaagag	aagcccagca	g			2131

<210> 5784
 <211> 1120
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1121)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1078)...(224)
 <223> similar to gi6002599 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5784

tttttttttt	ttaagagaaa	aggcttttta	atatgaaaac	tatgtatttg	ggcacaaaaa	60
tgcaacacac	agtaagaaac	catattctat	caattatgat	attctgtaat	ctaagaacac	120
agaaagtttt	gttattagga	aatgccaaaga	ggaaaaagaa	ctctgtaaag	tcctattcaa	180
tttactttgt	tagggaaaag	gatgtttatt	tggcttttgt	cacagttcca	tcattggctta	240
ctcttcttgt	aagttcagct	tcaatgcctc	gctagtcttc	agctttgctt	cttcaattct	300
tcactttgag	caatgagacg	gatttcggca	ttaagtctaa	ataggactcc	aattttttcc	360
ttcaaaggta	tagtctgttg	ctttaatctt	ggccagtttt	ctctgatgag	tgctactaag	420
gactggatng	agacagagaa	agcatccctg	gcctctggcc	gaaagttgct	cccctgcagc	480
ctggatccca	aatctgaatt	cctctgactt	ggcttttaga	aagtcccatg	ttctgacgac	540
gattatcaac	tttgccccct	ttctgtagac	agatgcaact	ctgctttctt	gacatcctct	600
tgtagacatt	tttctaatac	taaagttgca	gttaaatttt	tttcaagttt	ttccagttca	660
atcttgattt	cttcactttt	ggatttggtt	cgaaagagat	cagaggtcaa	atcattcact	720
gcagggataa	aactagctag	cgaggtatcc	tttgtttcaa	gggccaccgc	actgtcaacc	780
aaagcattca	gatacctgga	accagtgtta	gagagattgg	cgggggaaaa	attcacactc	840
tccatgagaa	gggtctgaag	atacttggtt	tctgactcgt	attcacttgc	tttctgcttc	900
aagtcctcta	ttaccaggta	gacatccctg	tcccggaccc	tggtgcgttc	tgaaagggtga	960
tgtaaaatct	ctgtgggtccg	tgggttcacc	tcatactgtg	gaataggatg	atctccaaat	1020
atttttttta	accacgcagc	aacctgcgtt	tctctctcct	cctgcggctc	catagctgcg	1080
gctcccgcga	ctttactagg	aactcctage	gggagatgcg			1120

<210> 5785
 <211> 3022
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2574)...(1107)
 <223> similar to gi30821 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5785

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gtgctccaga	ggagacccag	atacatcaac	caaggacttc	cctgagattt	ggctttgtct	120
ttccaggcct	gcacatgctg	cgtgatgaaa	tgaggcctgc	ctagacatct	gtgagggcct	180
cgagggctgc	tgccctcgact	ttctccctag	ctaagtccac	ccgtccaggg	acacagccag	240
ggcactgctc	tgtgctgact	tccactgcag	ccaaggggtca	aaatgaagca	tctgaggagg	300
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tggagtggac	tacatgcatg	gtctggagtt	cagtaaactg	gaaagtttca	cccccaagtc	480
ttaatttaaat	caaaatttgc	gaactctggt	caatcttcat	tgttaaaagc	agctttaaag	540
ctgggtgatt	tcttagtcaa	atgtataacg	aagctttttac	ttatcaattt	ctttttggga	600
gggggcatgg	gctgaaatac	atcttgtgct	caataaacct	ccccacatca	atatttcaaaa	660
gcactttcta	ggttacaata	atgacatttc	aattccatat	acgcatacat	agaatatata	720
tttttaaaca	gagtgggtct	taagagtata	cttggaaacc	tggagtcct	ccatggacaa	780
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gactcacagc	tggacttctc	tatccgacca	tgcaatgtta	gccagcacca	attaccaca	900
atgctttgct	cataagagat	agaaataatg	gaactcacag	gaagaaacag	tattgataac	960
atacacaggc	ttacagaggc	caggcccagt	aattaccatg	agacagaagc	ctacagggtg	1020
cgggtgctttg	actgggctgg	gattattgat	acattttactg	attacatcac	ttcttttata	1080
aggcatatgt	taaaacgcag	tgctacttga	aagtcgaaag	gcacagcttt	ccgggggag	1140
catggaactc	ctttcactat	ctcatccgtg	acctcctttg	cgccggggcc	tggttgctct	1200
tgcatcaag	gggctgcaga	acctcctatg	agtgccttcc	ttgaagctca	ccagggtgagc	1260
atcggtccg	ctggtgtaaa	tccttccctg	atctggctcg	aacctggtcg	tcggtcctcg	1320
gagaagaagg	tcaggtacct	ggagagcaca	gtcaacatca	cagttgccgc	ccaaactggc	1380
tgtggtccct	cgatgggttc	tgcccccca	gaaaacgcag	gcttattgga	ccttgggttt	1440
gacctgtttg	gccctgtcgg	tgaggaagat	ggaggagtgtg	gggtcgctgg	cactcatttt	1500
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catgggataa	ggcaactgga	tatccgtcct	gtctcggaag	atctgtggga	aatgagttgc	1680
tgaaggagg	gagcagcctg	gatggcagga	aaacttgatc	tttcccaatg	gaagtcgctg	1740
tcagtgaagc	ccgaaaatgc	ctttcacttg	gggtgaaagg	tacatgcttt	ttgaatcttc	1800
accacatttt	ttgtagaaac	ctgagctcat	ccccatgtag	tcacagggtca	gagaatatga	1860
aagtcttggt	gatgtcaaag	cgacaggcga	tgatgtcctt	ggcattctcc	acagcatagc	1920
tataggcctg	gtccagggtc	aggctccttc	acagatactt	ctcgatcatc	gtcatctgga	1980
tgaccaaggg	cacgttaaata	acatcctgga	gccactttgt	gaaaaataaa	tggaatgagg	2040
tgacctacat	gcattgcttc	aagaagaagg	gccccggccc	gtgtacagat	aaaaatggct	2100
tcttaatttt	cataggcaat	caagaacctg	attcatatct	ctgtgtgaga	agaagatgcc	2160
tctgctcagg	gaagtgggtg	ggtctttggc	cgggtggctc	tctctattcg	ggtttattag	2220
ctctttgtca	attttactac	ttccaaaacc	gaaccaatgg	agcttaaccg	tagtctaata	2280
cccttttgca	ctgcttgtct	gtactgtcca	tgggtccaca	aaatcctctt	cagcttctgt	2340
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atcaatttca	tcctttgacg	catttcccgc	tttgagggac	cttacgagct	ccccttgtgt	2520
ggcagtgctg	ttgaacagct	ccagcagaga	tgcgggtcca	ctgttgggca	tgtttgctat	2580
ctctcaggaa	ctacgttcac	agccggcctg	aggctcagagg	atttgttcag	cagacgagtc	2640
aagaccaggt	tgtggaagac	actgcagagg	tggccactgg	tcacgctggg	cagttgagct	2700
gctgagagtg	ccctgccag	ccagaaatgg	tctttaatac	tcttccctc	ttctttcag	2760
tttcccttct	gaaaaaagat	gcttttgtct	ttcgttctcc	ccaccctgca	ttcagctaag	2820
ggtttcttat	aaatcaccca	gattctcaga	aacacttgag	ctcttgacca	accttcttga	2880
tgagactgtc	caatcagggg	tgggttgctt	ggggggccag	gttgagacca	atgaaacct	2940
cttgagaatc	gagccattag	ctgggtcattg	catcagccac	ccctcacccc	ccgctggacg	3000
aaatcgtcga	cccgggaatt	cc				3022

<210> 5786
 <211> 1829
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1417)...(1828)
 <223> similar to gi4191327 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5786

taactttttt	atattataaat	tttggttttc	ttgactaaat	aaactttcct	ttttatttta	60
aaaattta	tcaaatacaac	ttttaaaata	atatttcagc	ttagtaccat	acagttgttg	120
tccagtattt	ttagaaaagt	aaagtcttag	catgaaactt	ccttaaccta	ttttagcctc	180
atgcttttga	ctaaaataga	cttaaaaact	gaattaaatt	tttatataca	cttatattta	240
attaatctaa	agagatagct	tacatataga	aattaagtaa	aggggagatc	tgtattttca	300
ttcaagatgt	taaaggctag	cacagaaatt	ttctaggcat	taaatcattg	cttattacat	360
aatgttttta	atagtttgct	ttgatatcag	tattgtgaat	aacggagcaa	attcagccat	420
attagttctg	ttgacttcat	gtcataaatt	ttgagaagtc	caggcgtaaa	ctaaaactct	480
tttgggtgtac	ttgaatatcc	tttgtttggt	gatgtaaaat	atgtaatctc	tgattttata	540
gttaacaata	aaaataaaat	tttaggtgag	tgaaagcagt	gatttaaatt	taacagtgtc	600
ctcttgaaaa	accttaatca	cagttaagt	atggcatggg	caatgaattt	taatcatatt	660
taggaataaa	atactagata	ttagtgtata	acaattagat	atatgttaat	tgagcactac	720
aaagcctgaa	agcttaacaa	agtggggcta	taactagtaa	ttttttggta	aaaatatagt	780
gatctttttc	tacagggtat	tattataagg	gacaaattat	agttgtaaat	tagattaatg	840
aattttgtga	gttttaaaagt	ttgtacgaac	catgtctccc	ttgtgtcata	ttttccaata	900
atataattac	ctaacaatga	cagaattata	cattttccct	ttaattctct	aagcattgag	960
taaacagaaa	aatataggga	tgaaatacac	acatgccaac	attcaaaaact	ttgtactaac	1020
tagaaacaaa	aatagaagg	gatttataaa	ggaaaatgat	ggagacattt	tagagaaatt	1080
aagtataaat	cgcaacattc	tgttttcttg	gatgtattct	gggtagcttc	tagttacttg	1140
taaacaaagt	attcattggt	tttgtaataa	agtgataatg	ttttgtttta	tagttgagtg	1200
gcttttaggt	aatttaataca	cctggaaagt	gatatttttt	taattacctt	ttgttactaa	1260
atcttatcta	atttaaaata	ctatgttttg	aaagtatata	tcttgtatag	ttatcttttt	1320
atatgaaaat	gaactcta	acatatcttt	ctttcagtg	tcatatcaca	aagctcaatt	1380
aaatggtcct	ggaaaaaaa	aatcgttcca	tggtgttcca	ggccccgttc	aagaagttct	1440
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aatcaagat	ccagctccag	gtcccacagg	ggctcttctt	ccccacgaaa	aagatcttat	1560
tcaagttcat	catcttctcc	tgagaggaac	agaaagagaa	gtcgttctag	atcttcttca	1620
tctggtgatc	gcaaaaaaag	acgaacaaga	tcacggtcac	ccgaaagcca	ggtgattggt	1680
gaaaacacta	aacaaccctg	agcccagggc	caaccctac	ggaacaccac	tactttaccc	1740
agacgccaca	ggtcatcatc	tggatcatcc	cattctggtt	cccgttcaag	ttcaaaaaag	1800
aaataatgta	ttaaaattta	catcttaaa				1829

<210> 5787
 <211> 1327
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1085)...(884)
 <223> similar to gi288145 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5787
 cccacgcgtc cgcgagcgcg tggggaaaga aggcgcgcga gctaagccca ggtctctcct 60
 ccgcagggttc cagctccttt cctggagcgt gtgtgggggc aacaaggacc catgggttca 120
 ggaattgatg agctgtcttg atctcaaaga atgtggacat gcttactcgg ggattgtggc 180
 ccaccagaag catttacttc ctaccagccc cccaatttct caggcctcag agggggcatc 240
 ttcagatata cacacccttg cccagatgct cctgtccacc ttgcagtcca ctcagcgcgc 300
 caccctccca gtaggatcac tgtcctcgga caaagagctc actcgtccca atgaaaccac 360
 cattcacact gcggggccaca gtctggcagc tgggcctgag gctggggaga accagaagca 420
 gccggaaaaa aatgctggtc cdacagccag gacatcagcc acagtgcggg tcctgtgcct 480
 cctggccatc atcttcatcc tcaccgcagc cctttcctat gtgctgtgca agaggaggag 540
 ggggcagtca ccgcagtcct ctccagatct gccggttcat tatatacctg tggcacctga 600
 ctctaatacc tgagccaaga atggaagctt gtgaggagac ggactctatg ttgccaggc 660
 tgttatggaa ctcttgagtc aagtgatcct cccaccttg cctctgaagg tgcgaggatt 720
 ataggcgtca cctaccacat ccagcctaca cgtatttggt aatatctaac ataggactaa 780
 ccagccactg cctctcttta ggccctcat ttaaaaacgg ttatactata aaatctgctt 840
 ttcacactgg gtgataataa cttggacaaa ttctatgtgt attttgttt gttttgcttt 900
 gctttgtttt gagacggagt ctgcctctgt catccaggct ggagtgcagt ggcagatct 960
 cggctcactg caacccccat ctcccagggt caagcgattc tccctggcct cctcctgagt 1020
 aagctgggac tacagggtgct caccaccaca cccggctaatt tttttgtatt tttagtagag 1080
 atggggcgct gagggtgactg caagggtggac aggagcatct gggcaggggt gtggatatct 1140
 gaagatgcc cctctgaggc ctgagaaatt ggggggctgg taggaagtaa atgcttctgg 1200
 tgggccacaa tccccgagta agcatgtcca cattctttga gatcaagaca gctcatcaat 1260
 tcctgaaccc atgggtcctt gttgcctcca cacacgctcc aggaaaggag ctggaacctg 1320
 cggagga 1327

<210> 5788
 <211> 2029
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1944)...(1946)
 <223> similar to gi868213 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5788
 tttgatggaa aaatggaatt ctcaagttcat ttgaagaata cagattagca attaaaaaat 60
 acagcagtat ctcaaggaaat aaacattatt ctcatcttac aaaaaagtgt atgtgaactt 120
 taaaaaaatc tacactacaa tatgaattga tattatctct gggtagaatg ctaacaattt 180

tat	ttt	act	gtat	t	cact	aaatg	ttt	cac	atta	a	atg	ttg	tat	tac	ctt	tgaa	240											
atc	aga	agat	a	catt	gtct	a	aa	ctg	at	ca	agg	aaa	tag	ttg	tata	agg	cat	atta	300									
cct	aa	acaca	g	agg	gttacc	a	ac	agg	aaa	t	aaaa	ag	tgg	tt	aaaa	atga	ctc	ctg	gggg	360								
ga	act	gta	ag	ga	agagg	gaa	g	gg	tga	agg	g	ga	agg	aaa	t	g	gtt	gctt	c	att	ct	aaat	420					
ctt	c	acaca	a	t	ctatt	ctta	a	aa	at	cag	aca	a	ggg	ct	gtg	g	t	aa	tttt	c	aa	tt	ataa	480				
aaaa	a	attat	t	tt	ctt	cta	at	ag	ga	atag	gc	c	ttt	g	aga	ac	c	ct	atta	a	at	g	gtt	540				
tca	att	cag	t	tag	t	cact	ca	ag	t	att	tata	a	a	at	g	ca	act	g	g	att	t	acaga	a	ata	att	tcc	600	
tac	ct	acact	g	ac	agt	tatat	t	ta	aa	ct	taaa	a	aaaa	a	ag	cat	a	ca	at	g	taca	a	acaa	att	tta	660		
ttt	ac	aaaaa	a	tt	aca	attac	a	aa	ct	gt	taca	a	a	att	g	agaca	a	ttt	cc	cat	g	c	ct	ca	acag	720		
aag	cca	agag	c	ctt	t	actgt	c	aa	at	gg	cag	t	ttt	t	gttac	t	ttt	aa	atga	c	acac	aaaa	780					
gaa	at	atgat	g	gc	ct	attcag	t	cat	cc	actg	c	ag	ttt	taaa	a	atg	ctt	t	ta	ata	attc	840						
ca	ga	agcct	a	tt	agt	gata	t	gt	at	atgga	t	aa	ttt	cc	ct	ca	act	ct	att	t	ctaga	atg	900					
ct	at	gt	taca	a	at	ccag	caaa	a	ct	gga	acag	a	ac	agg	gta	a	gaa	ag	cac	at	ag	ca	act	gct	960			
ttt	t	ca	acag	a	t	aa	ttttg	a	ct	att	cc	ct	a	aat	at	ct	a	ct	ag	t	g	gctt	aaa	act	taaa	1020		
ct	at	ggt	tctt	t	tg	gtt	taaa	a	ag	aa	agt	ca	a	aaa	a	ttttg	a	ct	ttt	aat	g	act	g	caca	at	1080		
t	ct	ac	caa	ag	c	ag	tgtt	t	a	ct	ggg	tatt	t	ttt	t	g	t	a	g	t	t	a	ct	g	c	1140		
t	act	gt	t	aaa	a	ga	acaga	at	t	ct	acag	t	a	ca	att	ct	gt	a	t	g	t	c	t	t	t	1200		
t	ca	at	cag	ac	t	c	act	act	a	c	t	g	ttg	agga	g	t	c	c	g	t	t	g	a	c	1260			
a	ttt	t	ctt	t	t	a	ttat	g	ccc	ag	a	g	g	gtt	ccaa	a	aaa	a	agt	ca	c	t	a	ct	at	g	at	1320
c	at	att	c	at	c	at	c	at	c	at	c	at	c	at	c	at	c	at	c	at	c	at	c	at	c	at	1380	
t	ctt	c	ct	g	ct	g	ct	g	ct	g	ct	g	ct	g	ct	g	ct	g	ct	g	ct	g	ct	g	ct	g	1440	
g	tt	c	at	c	t	g	a	ccc	ag	t	a	acc	c	a	ctt	c	ct	c	at	c	a	t	c	a	a	a	1500	
g	t	ccc	c	ct	gga	a	accc	ag	gt	c	a	gtgg	ag	caca	t	a	cag	a	c	ta	t	a	c	t	t	a	1560	
a	t	act	t	a	att	a	ttt	c	ttc	ag	a	ggag	a	tag	c	a	c	ctt	t	t	c	t	t	t	c	t	1620	
t	t	t	c	c	ctt	c	g	ctt	g	g	t	aaa	a	cag	ct	gtt	g	c	a	g	t	g	t	t	c	t	1680	
t	t	g	t	a	g	ct	g	c	t	g	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	1740	
a	t	g	a	t	g	a	att	t	t	t	c	c	t	g	a	t	a	a	a	a	a	a	a	a	a	a	1800	
g	t	g	a	att	a	a	act	c	agga	c	ctg	gtt	t	t	c	ct	c	ag	c	c	c	c	c	c	c	c	1860	
t	g	aa	att	g	c	c	agc	att	t	c	t	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	1920	
c	a	g	c	a	g	c	c	c	g	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	1980	
c	t	t	c	t	c	c	t	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	2029	

<210> 5789
 <211> 3356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3357)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2848)...(1116)
 <223> similar to gi5748565 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5789
 tttttttttt ttccagttct aaaaccaaatt ctttattctc tagtttgaaa aggaggggta 60

aatggttggt	ctgttttagtt	ccagagaaca	gaacaaggcc	caataggtag	aaattatagg	120
aaagcagaat	tcattcatta	taaggaagga	tttctaacaa	ttagaatttc	taacaattag	180
aatcatccag	ggcctcagga	ggtgcggaag	ttcctgtcac	ctaagtgtc	aagcagaggc	240
caggtgtcca	tatgctagaa	atggagaaaa	ggaaactcac	cagcaacttc	ccctcagctg	300
gccctccatc	accaatgcgg	cagtccttgc	cgtgacatgc	tgagctctgg	aaggagcgaa	360
ggaggggctg	cgggtgttcag	acaagagcct	ggacacagtg	ctgctgacag	ccaggggagg	420
ctctcagcgc	tgggaggggc	gacagataaa	gcgagacaga	ccaaggagta	aatgccttgg	480
ggtctgctct	ttgggaagga	agaggatgga	agtactaaca	gcagacgggt	ctctccaagt	540
ctgggtgcct	acgcaggggg	caggtgggag	gggaaggag	aggtaagagt	ggcttcgctt	600
cacctcttgc	tgctggcaaa	ggcccaagt	ctgtctaaca	aggccagcag	gttctccaag	660
ctgtatctag	cccagagcat	tcattttacag	gactctacca	cgctgtcttc	caaaaatgat	720
cttaagtaac	ttacagtaaa	agacaggggc	attaaggcgt	taataccaga	ggatggaggg	780
tcttcctttc	cactgggtggc	tcctctagcc	agagggtct	aaggggcgga	tgctattgct	840
gcttttccag	ggcacagggc	agtcaggacg	gagccttagc	acacaccagc	tggaggcccg	900
cgtccctgcg	cttgggaagt	ggttccctgg	ccaccggggt	tgacctctct	cgctagcagg	960
gccacccag	ctcactcccc	gcgtcttcca	tccctcttag	gattcccatt	gtcccctact	1020
ccagcactag	gcaggcacc	ccagcccact	gcgactccca	ccacgaagga	ccccagccct	1080
ctctcagcca	acacggcccc	gccaccgctc	tcagacatcg	tgttcttct	ggtgggcccag	1140
gagtctctcc	tcgtcgtcga	aggtctggcc	acagatggca	cagcagaagg	cgccgtcccc	1200
gatgtggctc	ttgcggtggg	tgatgaggtt	ggacttctgg	ctgaagctgc	ggtcgagctc	1260
gggacaggcg	tagggccgct	cgcccgtgtg	gatgcgcgg	tgcgacaccg	aggttggact	1320
tctggctgaa	ggctttgcgg	cagtcggggc	agacgtaggg	cttctcggcc	ggtgtggcaa	1380
tcggccgggtg	cgccgccagg	tagggtttgt	ggcggaaggc	cttgccgcag	tcgggacaca	1440
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gcacgcgcga	gtgcgccacc	aggtgcgtct	tcttgccgaa	gttcttccc	cactcggcgc	1620
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ggaagctcct	gcgcagctcg	tcgcagctgt	agagggaagg	gggggcttcg	atcgggtcct	1740
gcgggtgctc	tggcggggcc	cctggcggcg	gctcctgggc	cggtttcaga	ggtaccgccc	1800
gggtgggctc	ggccgcggac	tcctgggggc	cggctggcag	ctgggggctc	cccgggcccgg	1860
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gtttgtgccg	gaagcggcgg	ccgcactctt	tgcacgggta	gggctgtctc	gccgtgtgtg	1980
tgatgcgccg	gtgtcgaagt	cagatagggc	ttatttgtaa	agcgttctc	cgactcgcg	2040
gctacttgg	ggggtcgctc	gccgatgtg	cacgcggcgt	gtgagcngat	caagttgggc	2100
tttgtgccgg	aagcgttgc	cacaacaggc	acacatggaa	ggggcggctc	acggcatctc	2160
caccgngccc	ggggggcggtg	tcaccggtgg	gggggcccct	gggcccgggg	ccccagaaga	2220
ccttggtctg	cgggcctcgc	tcctagggcc	gtcggctaac	gtgcacccgc	ttgtgggcaa	2280
ctttagctgg	tcccacgtgg	gcaaaatgct	ccggccacag	ttgccgcata	tgaagggccg	2340
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atgggcccgc	agatgcagaa	ccagggccac	ccagcctcgg	aagctctgcc	cacagaggtg	2520
gcaggcaaa	ccccagctctg	gggtggcagc	agcatggacc	tggcgggtgca	gtgctaagaa	2580
gggggcatgg	cgaaagcgac	ggccacactc	agggcagggc	aagggcagggc	cggggcctgg	2640
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gcctcagccc	gcgggactcc	ttccccaggg	tctggggtga	ctcctgggag	ggcccagaaa	2820
ggagtcgggg	ctgggcccgg	cccatggcca	gggggcccct	gcaacgacgt	tccagcatcg	2880
gttcttccct	tgcaagaaaa	atgtggcnac	tgtccctac	agtgccttna	tgctgccctc	2940
tcctgtgtc	tgctgtttcc	tatgccacat	ccgagctgca	cagcaactct	gagaagctgg	3000
acaaacagac	actgagctcc	cctggagact	gcagagctgg	ggatgaggct	ttttccagct	3060
cctcttgggg	atgttctctg	ggatacttcc	gcggctgcag	cgctgtcttc	ggcccacact	3120
ccggtagccc	ccaggtgtta	gagaaaactg	cagtaataaa	gacaccccta	tccccatggc	3180
agagctcaga	cctctgactg	cagagaggcc	agccttacct	ctgcggcggg	ctgtgcaggg	3240
acgcggcgcc	cgtccatgga	gcccgaggcc	cggcctccgc	ggcccactct	cgctccccgc	3300
cccgcgcgg	cgacagcggc	aggttcgagc	ctcgtgccaa	gcttggcgta	atgagt	3356

<210> 5790
 <211> 2319
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2082)...(514)
 <223> similar to gi5764665 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5790

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tggggagacc	caaacatcaa	gctgggggag	gggtgctgag	tggaggtaga	agggggcaga	180
ggggcccctc	agctgagtc	ttagggaggg	aagggtatcct	gggtctgcc	cagcttgaaa	240
cagaagctgg	gggccacaag	gccctgaatc	agggcaggca	gggtacaggg	gcctgggagt	300
cctgctcctt	tgtgtgaga	cctttaggg	atgggatcca	tctctgagtg	gtttctcccg	360
atgaaagaca	ggtccagagg	gcagagtggc	catgcccagg	gtggtggcca	ggtctgacag	420
gatctgcagt	ccctgccaac	aacctcctcc	tctgctctct	gggcagtagt	ggcctgctcc	480
tggacactgc	tttgagtc	tcacctggac	ctagagctca	tctcggggct	ggggttggag	540
gctgtgccc	ctgtgccag	tcaggtccag	gcgggggctg	cgagggtct	tttgggagcc	600
gctccagctg	atgaggcggc	cgctgtcatc	atcccatgga	gaggatgtct	ccgtgtcact	660
gagccactcg	gcgtccccgg	catagtgggt	aggggcagcg	agcaggggct	gggaggagaa	720
ggccaccagg	tcccggtggc	agaagtgtgc	cttgtagtgc	tcgttgggg	gctgggtcgaa	780
catgatgggc	aggaactcgt	ccacgggcag	catgcggcgc	agaggctgtg	aggccagcag	840
cttgccggga	cccggccagc	gcagggcata	ggccagcgtc	cagtaggagt	accagccac	900
caccaggccc	ggcagcccct	ccacggccgt	ctccttctca	gggttcacct	gcttccgtcc	960
gaggtagatc	aggtcccaag	acagtttctc	tgcctccaca	tctccatca	gcccgtcca	1020
gccgccccct	gaagtgtgct	tcaaagcgca	cgtcattcct	tcaaacaacc	aggaccccgg	1080
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<210> 5791
 <211> 3679
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (341)...(3349)
 <223> similar to gi4529889 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5791

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<210> 5792

<211> 4721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4442)...(591)

<223> similar to gi5915904 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5792

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<210> 5793

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (626)...(385)

<223> similar to gi687821 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5793

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ctcgat																																786	

<210> 5794

<211> 1070

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (353)...(764)

<223> similar to gi4406556 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5794

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tttcgtctca cttcagccag agagcggggt tagggcttca ttgccttggt tcctctgctc      60
cgggagactt cgggtgattct gccactccct cgcgcgtctt gtgacctgct ggcattgaat      120
gatttatagc taagactcca ggacacccct gaagccgaga aatgaaatcc caagttgacc      180
gtcaagtcca acgctcgctg cagacatcta gtggacccgg cgctcgcgga cggaagcgga      240
cagacctagt tggatcctta tcccaccaat ctggcccacc tttgctgcca tctaaccaccg      300
ctgaccggcc caccgttcct ccactgtccg ctggttgacc cgggcagcgg agagaggagg      360
gtgttgtaaa tggaaatatg gattcttcta cagcaaaccat gtacatctat atcatgtgga      420
acaaggatag tgggaaaacc tctgattgtg aggacgtaga actgagaaga gcatatgaaa      480
tgtcataaga aaaacacttc tggagcatgt cgtcttcaag aaaatgggtc ccagacagtc      540
aggattgtgt tacattttta taggaatggg gatatttgtg atatactgac aaaccaagac      600
aggtgactat aaaactgcaa tgtaaagtgt cagcttcttc tcacaccttt atagtagaca      660
tctgagaacc tcaactcctgt cagcatattc ttgggggttg atctcaagtg atccatagaa      720
tcttagataa agcagatgaa aataggcttt tctgtcttcc taagtaaaca gcaatgaagt      780
tgagagaaag aagatattgc tgggaagtcg gataaagtct atcttctgtg accatatgtt      840
tccttagaga gtttagaca ttgacctca tctaataaat tgtgaaaag gactctcacc      900
agtctgttaa tatgtatgta tatgaaagaa attactggta aacttctaag gcaggcattg      960
gtgttacttt tttttatctt tattgtgtct gtaaaatgat tgtgtgtatt ttttctttga     1020
ttagacaatg agattcccaa ataaatttta ttaaagccaa aaaacccttt      1070
```

<210> 5795

<211> 1502

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1330)...(1020)

<223> similar to gi4877643 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5795

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ggctgtcaat gctgaactta cagtgttaaa gttcatttat ttttctctgt ttgctttttt      60
gttgaaaatg tagctgtctt ggggtttggc ccgattttac aaggaaaatt attttctttc      120
ttcctttttt attttaaatg agaaaaaata aaaacctca caacgtgaga ttcctttact      180
tctgcagcat aaaagcaaat gaaggtaaga aaatctctct gtacgaaaaa tttgagtaag      240
aattctctct agaataaaca aggtccccac agatagctga aggaaagagg aagcagttca      300
gtctggcacc cgggtactct tgggaaaaca aaaagggagg cagattgcat tactgtctc      360
ttctcataga aaacggtaag tttttgtggc atggtccatt gtccaagagt gtaagaaaag      420
```

aagtgagttg	gccattcaga	tagctaaaat	gcagtttcat	ctgacaaaaa	acccaagatt	480
atctgcacag	tctctgcagt	gccaggacaa	tgcaggtgag	agaccaggag	agcagggagt	540
ggccacgctg	ggctgcagaa	gagtcacact	ctctccggtc	gggatccact	gcgggggcct	600
ctgtggtgac	aaactcaaac	tccgtgggac	acacgtcatc	catgcacca	ctgccactcc	660
ctgagccact	ggattcatca	cttgtgtcct	ggaaattgac	atcattgcc	ttgtaggcgt	720
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gtgcccgtg	tctagctctc	gtccttgcat	atagtgtagg	gtaatgctga	ccagaccttt	960
ttagagagct	tcaattttct	ttttatgtct	gtgaccagcc	ggtccaagct	tgtgcctgca	1020
gcagttgttg	gtctttcctc	aggattgtag	ggcctgaaac	gtgtattaaa	attttcagga	1080
gctgagcggg	cagatctgag	ggctggagca	ggtttgggct	gaccacatcc	ctgaaagacc	1140
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tctatcgggt	ccatgaccga	ctcaatgttg	aatggccctc	ccagtcgctc	tgccaccaag	1260
agcattgcat	ctgttaaaat	acaggaacat	gattttattg	caaactggga	gctccagggt	1320
cccaacctgt	gtttaaacat	tgttaaaaca	actggatgaa	aaataatggt	gcattcacgt	1380
ttttaaat	gctttcatat	agtccaaaat	gaaatagatg	actgaatctt	aggacgactg	1440
tattttgttt	gaagattcaa	aattatttta	tatgtctaga	accagggctg	aaaataagaa	1500
aa						1502

<210> 5796

<211> 1143

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (502)...(822)

<223> similar to gi2318003 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5796

acgtcatatg	catcagaata	agctgtttta	tttttgtatt	agtagcgggc	taagttatta	60
acaatcatat	tttcttggat	agaacattt	ttaacaagga	tatcttctaa	agaatgtgta	120
ttcgtatagc	ataccaatac	cttttcacaa	ctgtggaatc	agaataattt	atggcattcc	180
cgatagagg	ggcagcattg	tttttattga	ttggaataag	gaaaattttg	aaggatgtat	240
atatagcttt	tagttccatc	tccgcttgct	ttatgattcg	attatttgtt	tacttacttt	300
catatgggca	taacatgaat	ttaaatacaag	cagattttaa	atttttcaac	agttggaacc	360
taagctttct	gaggtgaaaa	atgtttctta	aaaggtttgt	aggaaagaga	tttaacgagt	420
cttttcaatc	gtttaataaaa	agtatacact	gagcgccttc	tacagagttg	ggcaggtgct	480
gccgagaagc	ttagcgctac	gccggcctcc	aagaccgcac	atccgggaca	ttcgagagtc	540
agtccgaggc	cccgcctcc	taaggcgagg	gccactgggc	aatccggcga	ggccttcgt	600
cgtgccccgc	ctcgtctgcc	ccgccagcgc	gtcgagggag	gggccagcga	cacatggcct	660
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gcccggggcg	tcttacagca	gtgcctgcac	gcccggctgc	aaattcgccc	agccgatggg	780
gacgtcgcgg	cccagtggtg	ggaggtaacg	tcagcccggc	agctctcggt	atcctccggc	840
gtgcggggcg	gttttttccg	cgttgtctcg	gtgactcgtc	cgctctgtgt	ctcctctga	900
gaccggcggt	ccggccgcgg	ggataccggg	tcagcttgaa	gctggccgcg	gtggcctgcc	960
tggctgcgct	tgtcttttcc	gtccagcatc	accgttcccc	agcgccagtt	gtagcaccgc	1020
agaggaagag	cgtgtctccc	ttcttggggg	gaccacaggt	caaagagga	ctggtgatct	1080

acgtgtgctt tttcaaggga gctgataaag aacttcttcc caaaatgtgt aatacactgt 1140
taa 1143

<210> 5797
<211> 1929
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1364)...(1460)
<223> similar to gil510153 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5797

cagacagcga	ttaggtctat	ttcaaggcat	tctgccagga	gcacagcgac	tgggggcccc	60
cgtaatgagc	ccacatctga	gcccacggaa	cccagccagg	ctggcgagga	cctggaaaag	120
gagaccctgc	gcaagcagcg	gctgcagcag	ctatgaggag	gacttctacg	agctggtgga	180
gccggctgag	gtggctgagc	ggctggacct	ggctgaggca	ctggctcgact	tcacttacca	240
gtactggaag	ctgaagagga	aagccaatgc	caaccagccg	ctgctgacct	ccaagaccga	300
cgaggtggac	aacctggccc	agcaggagca	ggacgtcctc	taccgcccgc	tgaagctctt	360
cacccatctg	cggcaggacc	tagagagggt	tagaaatctg	tgctacatgg	tgacaaggcg	420
cgagagaacg	aaacacgcca	tctgcaaact	ccaggagcag	atattccacc	tgcatatgaa	480
acttattgaa	caggatctgt	gtcgagagcg	gtctgggagg	agagcaaagg	gcaagaagag	540
tgactcgaag	aggaagggct	gcgagggctc	caagggcagc	actgagaaga	aagagaaagt	600
gaaggcgggg	cctgactcag	tcctggggca	gctggcaggc	ctgtccacct	cattccccat	660
cgatggcacc	ttcttcaaca	gctggttggc	acagtccgtg	cagatcacag	cagagaacat	720
ggccatgagc	gagtggccac	tgaacaatgg	gcaccgcgag	gacctgctc	cagggtgct	780
gtcagaggaa	ctgctgcagg	acgaggagac	actgctcagc	ttcatgctgg	acccctcgct	840
gcgacctggt	gacctgcta	ggaaggccgg	aggccgcacc	cgcctgcctg	ccaagaagaa	900
accaccacca	ccaccaccgc	aggacgggcc	tggttcacgg	acgactccag	acaaagcccc	960
caagaagacc	tggggccagg	atgcaggcag	tggcaagggg	ggtcaagggc	cacctaccag	1020
gaagccacca	cgtcggacat	cttctcactt	gccgtccagc	cctgcagccg	gggactgtcc	1080
catcctagcc	acccctgaaa	gccccccgcc	actggcccct	gagaccccgg	acgaggcagc	1140
ctcagtagct	gctgactcag	atgtccaagt	gcctggccct	gcagcaagcc	ctaagccttt	1200
gggccggctc	cggccacccc	gcgagagcaa	ggtaaccggg	agattgccgg	gtgccaggcc	1260
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cacagactgt	cgtttgggca	ttatttcatg	gcagatgggc	cagtccaggg	cctaccccgc	1860
cttgccccca	gatcccaactg	gggtccattt	gaggggtcat	gctacactcc	accgatcccc	1920
aagtgtatt						1929

<210> 5798
 <211> 2711
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (956)...(1760)
 <223> similar to gil93527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5798

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ggggcccggg	gcccctaagc	cattcctgaa	gtcatgggct	ggccaggaca	tcggtgaccc	120
gccaatccgg	tatggacgac	tggaagccca	gccccctcat	caagcccttt	ggggctcgga	180
agaagcggag	ctggtacctt	acctggaagt	ataaactgac	aaaccagcgg	gccctgcgga	240
gattctgtca	gacagggggc	gtgcttttcc	tgtcgttgac	tgtcattgtc	aatatcaagt	300
tgatcctgga	cactcggcga	gccatcagtg	aagccaatga	agaccagag	ccagagcaag	360
actatgatga	ggccctaggc	cgctggagc	ccccacggcg	cagaggcagt	ggtccccggc	420
gggtcctgga	cgtagagggtg	tattcaagtc	gcagcaaagt	atatgtggca	gtggatggca	480
ccacggtgct	ggaggatgag	gcccgggagc	agggccgggg	catccatgtc	attgtcctca	540
accaggccac	gggccacgtg	atggcaaaac	gtgtgtttga	cacgtactca	cctcatgagg	600
atgaggccat	ggtgctattc	ctcaacatgg	tagcgcccg	ccgagtgtct	atctgcactg	660
tcaaggatga	gggtccttc	cacctcaagg	acacagccaa	ggctctgctg	aggagcctgg	720
gcagccaggc	tggccctgcc	ctgggctgga	gggacacatg	ggccttcgtg	ggacgaaaag	780
gaggtcctgt	cttcggggag	aaacattcta	aatcacctgc	cctctcttcc	tggggggacc	840
cagtctgtct	gaagacagat	gtgccattga	gctcagcaga	agaggcagag	tgccactggg	900
cagacacaga	gctgaaccgt	cgccgcccgc	gcttctgcag	caaagttgag	ggctatggaa	960
gtgtatgcag	ctgcaaggac	cccacaccca	tcgagttcag	ccctgaccca	ctcccagaca	1020
acaaggtcct	caatgtgcct	gtggctgtca	ttgcagggaa	ccgacccaat	tacctgtaca	1080
ggatgctgcg	ctctctgctt	tcagcccagg	gggtgtctcc	tcagatgata	acagttttca	1140
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agcatactcc	catcagcatc	agaatgccc	gcgtgtctca	gcactacaag	gccagcctca	1260
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cagcactact	gtaccgtgtg	gagaccatgc	ctgggctggg	ctgggtgtct	aggaggctct	1500
tgtacaagga	ggagcttgag	cccaagtggc	ctacaccgga	aaagctctgg	gattgggaca	1560
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cagaacagac	atgagacctc	ctccaggacc	ctgcggggct	gggtactgtg	tacccccagg	2160
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ccttggtttt	aacatgagac	ttaattacta	actccaaggg	gagggttccc	ctgctccaac	2280
accccgttcc	tgagttaaaa	gtctatttat	ttacttccct	gttggagaag	ggcaggagag	2340

tacctgggaa	tcattacgat	ccctagcagc	tcatectgcc	ctttgaatac	cctcactttc	2400
caggcctggc	tcagaatcta	acctatztat	tgactgtcct	gagggccttg	aaaacaggcc	2460
gaacctggag	ggcctggatt	tctttttggg	ctggaatgct	gccctgaggg	tggggctggc	2520
tcttactcag	gaaactgctg	tgcccaaccc	atggacaggc	ccagctgggg	cccacatgct	2580
gacacagact	cactcagaga	cccttagaca	ctggaccagg	cctcctctca	gccttctctt	2640
tgtccagatt	tccaaagctg	gataagttgg	tcattgatta	aaaaaggaga	agccctctgg	2700
gaaaaaaaaa	a					2711

<210> 5799

<211> 1760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1672)...(144)

<223> similar to gi5777952 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5799

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cttcaaccaa	cttgaatgtc	caaggctgtg	tgtgccacgc	tccctggctc	tggtagctgg	180
tatgcaagca	cctctcgggc	cttgggggag	tttgatcccc	tccagccact	cctgggtaca	240
gctcctgcac	gtgtgcacct	ggactccgga	cgcgcacag	ggatgtcagc	gtaaatgcct	300
tccattctgc	cgcagcaggg	gccttatccg	catgtccgtc	ttgaatcttg	ggctttggcc	360
tcttgccatt	ttaagcatcc	tccagcacag	gcgaggacct	ccacaaagtg	gaattgggaa	420
atttgcctt	cttaagcttt	aggatcatgt	tctggatggt	tcgaaagcca	taggctgcag	480
caaagcgtaa	caccacctct	ccgttcttct	caagggtgac	ctcttggaag	tctttgtttc	540
tcagggtctg	gtaagtgacc	tcctccacat	ccctccgttg	aacagctcct	tggccgcatg	600
tctgaagatg	tgtgccaggt	gcccgtctga	gctggctcca	tcattgacgc	tcactttgtc	660
ctccttcaag	tctccaaaca	gagtgtcgac	ggcagcatct	ctcactgaga	ggtcaccctt	720
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tcattaacca	aggggccacc	aatgaccgtg	gaaaaatctt	ctctggagac	aaggttctgc	900
tgtctggcgg	aaataatcct	tcaccaaaga	gcccatgacc	tgtggggggg	actttggcgg	960
tgccaagaag	gtgggccagt	gatggggcga	ccccagcaac	ccgctccggc	gtatcggacc	1020
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ggcgaataac	gacgcacgaa	ttcttttttg	actctcccag	gatactaaaa	tccgcagcta	1140
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atgcatcagt	tacactgagg	ttgaatttag	cagcaaaata	aggcaaagat	tgaggacaca	1260
cagacactaa	cccagctttg	tgttttgagg	tatcacattt	cttggttaagg	ttcagaacgc	1320
ggaagaagtc	cttggcattt	tgtgggaaa	gttggaactc	ttcctctgca	gtcatacagc	1380
tgtcacatgc	caggcagtcg	ctcaaaaata	tcttggcatc	agccaacttg	tgggaattctc	1440
ccttctgtag	tcccagctac	tagggaggct	gaggcaggag	aatcacttga	gcctcagagg	1500
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cgggcgggag	gccgggcgcc	tcagcctcag	ggaagcaccg	ggagactggg	acaccactgc	1740
ccgccgcccc	cggccctttg					1760

<210> 5800
 <211> 2194
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (75)...(1280)
 <223> similar to gi5442036 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5800
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ttctgtctagg gaggatgtcg ggttcgtcgc tgcccagcgc cctggccctc tcgctgttgc      120
tggtctctgg ctccctcctc ccagggccag gcgcgctca gaacgctggg tttgtcaagt      180
cgcccatgtc agaaactaag ctcacggggg acgccttga gctgtactgt gacgtggtcg      240
ggagccccac gccagagatc cagtgggtgt acgcagaagt caaccgggca gagtctttca      300
gacagctgtg ggacggtgct cggaagcgcc gtgtcacctg aaacaccgcc tacgggtcaa      360
acggcgtgag tgtgctgaga ataaccgggc tcaccttggg ggactctggg acttacgagt      420
gcagggccag caacgacccc aagaggaatg acttgaggca aaaccctcc ataacatgga      480
ttcgagccca ggccaccata agcgtccttc agaagccaag gattgtcacc agtgaagagg      540
tcattattcg agacagccct gttctccctg tcaccctgca gtgtaacctc acctccaggc      600
tctcacaccc ttacatacag ctactggaca aaagaatggg ggtggaactg aagtgaact      660
cgtaagaatg ccagcaacat ggaagtacag gatcaaataa gccgagagct gaggattcag      720
gcgaatacca ctgcgtatta ttactttgt taagcggctc ctaaagcaaa cgccaccatt      780
gaagtgaag cgcctcctga catcactggc cataaacgga gtgagaacaa gaatgaaggg      840
caggatgcc ctatgtattg caagtcagtt ggctacccc acccagactg gatatggcgc      900
aagaaggaga acgggatgcc catggacatt gtcaatacct ttggccgctt cttcatcatc      960
aacaaggaaa attacactga gttgaacatt gtgaacctgc agatcacgga agaccctggc     1020
gagtatgaat gtaatgccac caacgccatt ggctccgcct ctgttgtcac tgcctcagg      1080
gtgcggagcc acctggcccc actctggcct ttcttgggaa ttctggctga aattatcatc     1140
cttgtggtga tcattgttgt gtatgagaag aggaagaggc cagatgaggt tcctgacgat      1200
gatgaaccag ctggaccaat gaaaaccaac tctaccaaca atcacaaga taaaaacttg      1260
cgccagagaa acacaaatta agtactgctt acaatatctt taggttcctg aaactggtgg      1320
caacatgacc tgctaaaatt ttctgcttgg acctcttggg ttctctcccc tttcaagtga      1380
gcaacaccac aatgactgtc taaagcatgc cttatttagc ctctcctgta agggatgatc      1440
agccaggtag attttaaaaca atgcttcagt gtagaagggt taaactatct tgggcttgat      1500
gtgctgtgaa tgttgctttt ttttttcctt tgtaaaaata tttaaataaa agtgaaaagg      1560
tcctctgagg atcaaatcat gcatgcgcca ttttttactt aatgcagctg ttaaatgggc      1620
aaagctctaa aatgcactgc tgccatctag ggatacactt ttgtaaagta cagcaaaacc      1680
tacagatata tacagtatat aaatatatat atatatatat ttatatTTTT ggggggtggg      1740
gaaatccaaa ataaagtaaa tgcttgtttc atttttaagc tgctgatatt cattccttat      1800
tgtatgttgt cagatgagga aattgtgcag ttctggtaca taaagatgag taatataaac      1860
tgaaatctat aattttaagg gcttaacctg tgactttaat aagctggaac agtccactga      1920
atgggtataa tgaattgcag tatatacgta tgattgcttt ttaagtgatt atcttttctt      1980
ctgttaagtc atgtaaattc ataaatcctt ttgcactgat gtgttgaacc ttattcttgt      2040
acattcattc aatcaaggca aacttttata atttttcttt tgtttccaat gaccttgaag      2100
tgttatagca tggtaaatatt ctatgcaact atagttatac tttttggttt gacactgtat      2160
tttttcacat tgatttactg gttgatgata gatt                                     2194

```

<210> 5801
 <211> 694
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (60)...(6)
 <223> similar to gill174092 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5801
cattaatttc tgtctttatg ccaatgtcac actgtcttga gtacttcctt tgtaataggt      60
tttgaacca ggaatttgtt gacttctaca atttcattct tctttatcaa gcatgttttg      120
gctgttttgg gtcctttgaa attacatatt aatttcattc gcttgtcagc ttgtcagctt      180
gatcagcttg tcagcttctg caaagaagcc agcttggagt ttggtagggg ttgcattgca      240
tctccagatg aatttgggga atgtctccat attaacaata tttagtcttc ctatccttga      300
acatgggata tattttcatt tatctggctt cagttctttc aacaacattt tgtagttttc      360
actgtacaat gatctggctt tttgctttcc aaaaccagaa actcttttaa gttgaagggt      420
tcttaagact tttggggagg cagttctgct aaacaacagc aaaagagAAC atttggttag      480
aaaaaaacag agataacagg aagattaatt attttaataa taaagcaagg aaccaattta      540
ttaaattttt ttagaatatg ctttgtaacc ataatgcttg aatctgttat acatttgtct      600
cagactggaa gttccccctt gtgacttcaa gatacttgag aaacaatcag taatcaagta      660
atgggttgct gggatatagc aaacaacaca gaggg                    694
  
```

<210> 5802
 <211> 1372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (896)...(1280)
 <223> similar to gi2992628 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5802
gggccgcctg gacacacagg tcccctggca caggtaacaa cagaggaccc tcagggagag      60
aaggctccca gcttctctta caccctgaga accgctgccg agagacccaa aagacacctg      120
ggcatcagtg ctgcagccct accttggcct ccaggtagat gctagtggag ggcgcccgcc      180
tggcgacaaa ggaagaggca ggcagcaaga gacagcgcgc agatgacgaa cagggagtcg      240
ctcaccagga cgcggacaag cagcagggcc cagggtgtgt ccgccgcgcc gcatgggaga      300
  
```

gcacagcaca	cagcacgttc	accagcagaa	agagcagcga	ggccccca	aaggccctc	360
ggacagcgag	caagcctcgg	ctcatcttcg	ggcccgacgc	ttcactttgg	ccttgaacac	420
cacctggggc	aaagtagagg	ttcataaggc	gtcaagggtga	agaactgcag	gcagacgggg	480
cagcagtaga	gaagccagaa	gggcaaaggg	ccccagggtt	gtttggcgcg	gggagtatct	540
tcggaaatta	gaaggagaaa	aaggttggtt	cgcaaggggg	ccccagaagc	agacagaggg	600
ccaggaacac	ccgtctgata	agctgagacg	cttgtgcccc	atacagaagc	accagccaga	660
gctgggcata	gacggagaag	aagagcaggg	catacagggt	ggtgtaggca	gctgtcagcc	720
ccagggtcac	agcagggtgc	agcgcaggca	ccaagcccgg	caagcaggca	accaggccca	780
gacaggttac	tctccatgtc	aagggaggga	ggcctgaatc	ccggagacag	acaaggaggg	840
actgtcggcg	ggaccaggga	aataaatacg	gaggggtggg	aattgcaggg	tgcagagagg	900
gagatggggc	gctcaggagg	aaagaagttg	tggctgacag	gccccctcc	tcaacagaga	960
gacccttgcc	cttggggaac	acaggcagcc	tgggccccag	gccccctact	caggggcatg	1020
gaagggcagt	ctcttttctc	caggacagac	cggatagggg	ttgggggtgt	ctcctccctg	1080
ggcctacccc	agagccaagg	atggggggat	gcagaggccc	aaggagagga	ctccctggcc	1140
tcggtcgttc	atgtcgtcct	gggtggaggg	ggaggctctc	tctcctccaa	taatgcggt	1200
ggggagggcc	tctgctcctc	gtcctcgtaa	ttctcgaaag	ctgcccccg	cccaccctcc	1260
cccaccgcgt	ccacgctcca	gcctcaaggg	gagggaggag	gcggacgcca	ggtcctcagg	1320
ccgctgatgg	gagagccggc	tcaggtcgtg	gggaccggg	gctccgacga	aa	1372

<210> 5803

<211> 1345

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1322)...(238)

<223> similar to gil84848 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5803

tttttttttt	ttcacagggtg	caaagattca	ctttttatatt	attcattctc	ctccaacatt	60
tagcataatt	aaagccaagg	gactaggagg	ggggtagggt	gaaagatgag	ctggaggacc	120
cgcaataggg	gtaggctccc	ctgtggaaaa	aggttcaaaa	ggcccaaagg	atgggaaggg	180
ggtcagcgct	ggaactagag	gagcagggtg	gggcaacttc	ctccccctcc	taaaaactct	240
ccccctgttg	aaacctcttt	gtgaacgggc	cgaacctcag	gccccctgaat	gggtgaactt	300
ccgcaggccg	taagagtttg	tgtttctctc	gtaggctctgc	tttgctcagc	gtcaggggtg	360
ctgcttgagg	gctggtagg	tgctgttctc	tgtctagtcc	tgctctgttg	acactctttc	420
ctgggggagt	ttacccccat	ttggaagggc	gttaatccac	ccttccactg	gtactttttg	480
gcctcttttt	ggggatagag	gttattcagc	agggcacaca	acagaggcag	ttccagattt	540
caactgctca	tcagatggcg	ggaagatgaa	gcagatgggt	gcagccacag	ttcgtttgat	600
ctccaccttg	gtccccctgg	caaaagtgtg	cagggtgaatc	agcatactgc	tgacagtaat	660
aaactgcaaa	atcttcaggc	tccagtctgc	tgatgggtgag	agtgaagtct	gtcccagacc	720
cactgccact	gaacctgtct	gggatgccag	tggccctgct	ggatgcatca	tagatgagga	780
gcctggggag	ctggccagggt	ttctgttggt	accaggctaa	gtacttctca	ctaatagtct	840
gactggccct	gcaggagagg	gtggctcttt	ccccctggaga	caaagacagg	gtggctggag	900
actgagtcaa	cacaatttct	ccggtggtat	gtttgatctc	cagcttggtc	cctccgccaa	960
aagtgtacgg	gggaggccag	ttggtacgct	gctgacagta	ataaactgca	aaatcttcag	1020
gctctaggct	gctgatgggt	agagtgaagt	ctgtcccaga	cccactgcca	ctgaacctgt	1080
ctgggatgcc	agtggccctg	ttggatgcat	catagatgag	gagcctggga	gcctggccag	1140

gtttctgctg	gtaccaggct	aagtagctgc	tgctaacact	ctgactggcc	ctgcaggaga	1200
gggtggctct	ttccccctgga	gacaaagaca	gggtggctgg	agactgtgtc	aacacaattt	1260
ctccgggggt	atctgggagc	cagagtagca	ggaggaagag	aagctgagct	ggggcttcca	1320
tggttccctc	tgggtcctaa	ctgag				1345

<210> 5804

<211> 1233

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (795)...(1062)

<223> similar to gi529138 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5804

aggggttttt	ttccaaggca	attaatttgg	gtaaccccag	ggttttttcca	ttcccgcggt	60
tttaaaacgc	gggcccggga	atttaattta	ggggcccat	taaaaaaatt	tttcctttgc	120
aaccggggg	agttaaattt	ggttctttta	aaaggcgcc	cctttttttt	ttttttttt	180
tgatggttaa	aaaaatttgg	gttttattgt	ttttgctaaa	taatactaaa	aaaaaaattt	240
cattttgaag	gcagggcttg	aattatttta	tttgatccat	ttatttaatt	aaaaaaaaaa	300
ggaaggggaa	agagatcatg	gccaaaaaaa	tagtagttaa	ccccacccc	accccaaag	360
ctctagccag	tcatgtgagc	atcacccaca	tcccactcag	tgctgatata	tcggatgggtg	420
gcatactctg	ccccaggaga	ctgcctgaag	gcacggggca	atgggtgcca	atttttagctc	480
tcagcaggtt	agtcaaccag	acaaactggt	gggctaaagt	ccagaaattc	tttccaggtt	540
ttctgctcat	tggctgagca	catacaaact	gtcataagcc	tgtaaaattt	aaggggagtt	600
ggggtggggc	gtaagagcaa	aaggacagca	ggagaagaga	aattacgggt	cacccaagtt	660
tttcttgggc	tagtggctct	ggatatagat	ttaaagagag	gtcagagtaa	atggactcca	720
ggtttcttat	caaagaaaac	tatccctcaa	tgaggagctg	agatgtgcca	tgcaagagag	780
ttcttcttgc	agaggcacag	gagaaagggc	agctgactct	ctcatgtgga	gagagtggcg	840
aggaaggtct	tctagtacca	tgaagtaaga	caggcagagg	gagaatcctg	aggtttgggc	900
caaatgtgag	actggtacac	acacagttta	agactaaaaa	gccatcagga	accctcaaag	960
ccaaattcta	tctgcacact	ggctctacaa	agttcgcagc	aagaatctct	tgaccaaggt	1020
caagtttagtg	gcctggctat	gatggatggg	ggggagggca	atacattttt	attttcagag	1080
ggatgaggtg	ggaagaacag	ccatgatcta	gtaaaaagag	acctgcaaga	agcagaaaaat	1140
atttagagaa	catttttaata	tatattttca	tatatatatt	taaagttaag	aaaaataaaa	1200
ctaattcaag	ccatgccctg	tgcaaaaaaa	aaa			1233

<210> 5805

<211> 2173

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1848)...(676)

<223> similar to gi3907579 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5805

gctgttgcat	cggctgtcat	gaattcggca	cgagctcatg	ctgccagatt	atctgggtgt	60
ggtggcacta	gaatggagat	acttcattggg	aataatactc	attgttcttg	acccactgg	120
gtcagtgtg	accctaccac	caccactct	gcagcagcac	ccagatgcta	gccttgta	180
gaaagcccca	gcattctctt	acagtcaatg	agctctctct	ttattgaggt	atttcaaata	240
tacaaacact	tcagagcttt	ttagatatgt	gaagggtccaa	tttagtgaag	cggattaaca	300
aaacatgatt	ctaaaagcct	gcctctctta	gaccaaggcc	atgtaaaaga	tttatgtacc	360
aatcagcatc	ttttctttt	aataatcttc	aggatgttgt	gttgggtccc	cagattccca	420
tttgattttc	ttgcatcatt	ttctcagact	gtttgcttcc	ttgcttctc	cccagtgagt	480
gccttgggca	ttttgtgtgt	gcagatagag	aagtacagag	ttactgcagg	agccctcagg	540
agtgaacaaa	caggaaatga	caaagtaata	cagagctgca	gtagctggga	tgggtgagga	600
ccccacttgg	gatgccccat	ggtagagtac	tgggtgccttg	ggagggtaga	actgctcagg	660
tctagcacgc	ctcactgaag	attggattca	cctgctgggt	gactcggatg	aaggtagttc	720
tctgtctcaa	ctctttgagc	ttagctgtct	ccacataggt	acacgtagag	cggatccctc	780
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ctcactgtgc	ccagccagca	tgccacccag	catcacgaag	tcagctcctg	ccccaaaagc	1020
cttggccaca	tccccaggac	agctgcaacc	tccatctgaa	atgatgtggc	ctttgagggc	1080
atgagcagca	tctgcacact	ccatcactgc	gctgagctgt	ggatacccca	ctccagtttt	1140
cttccgagta	gtacacacag	agcctggccc	aattccact	ttgatgatgt	cagccccaga	1200
aaggatgagc	tcttctacca	tctctcctgt	taccacattc	cctgccatga	tgggtgtgctg	1260
ggggaagcgc	ttccgtacat	ctttttacaaa	ttcaacaaag	tggtcagagt	agccatttgc	1320
cacatccagg	catatatact	tcacctgggg	aatagcttcc	aggatctgtt	ccagctgtct	1380
aaagtcagaa	gagcctgtgc	ctgagctggc	agccagatgc	tcaagacagt	caggattctg	1440
gccagcaaac	tcttgccact	gaacgaggct	atagtgttta	tggacagcag	tgaagagaga	1500
gaacttctca	gcaacaagta	tagaggcagg	taatagtact	gacaggagca	gcattctcca	1560
tttcaaagt	aacaacttgt	atataagaaa	aacacatccc	atttggggca	catcccagaa	1620
actcccagga	acctaggact	tacagagaac	cttggccatc	tcaaagggtg	ccacagtatc	1680
catattggca	gcaatgatgg	gaaccccaga	gtatgtctgc	tttgagttcc	gaaatgaaaa	1740
ggatcttgtg	agatccacct	cacttcgaga	cttaagggta	ctgcgttttg	gcctcaaaag	1800
gacatccttg	aagtccagtt	tcacatcggt	gtcaatatga	ggcatggcgc	ttagcctcgg	1860
ggtagcgatg	aatctgaggg	ctggaaggca	ggaagtcata	aggaccaatc	ttcccctggg	1920
ctttaacgcc	ctgttacggc	tggtggcctc	tcttcgctta	agttgtggaa	ggtcgggcaa	1980
aggccgaagt	gtggtccctg	aagcctgtca	cctcgaccca	tcccgtggct	gcgattaccc	2040
tagggctcca	tcccaggtac	tgtttgtttg	ggaggagagc	tgggaaaggg	ttgtgagaga	2100
ccctgacggt	gcattcctta	ccccgctaca	cttctctctt	ctacccctgc	aaagagcaat	2160
ggggcaagag	gct					2173

<210> 5806

<211> 1849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1462)...(349)

<223> similar to gi3387962 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5806

tttttttttt	ttaaagataaa	attaatttat	ttgacttcac	aacttcattg	ggccacacag	60
gggcccacaa	gtcctagaag	cacaaccttg	tggaagtggg	ctggggaggc	cagttctctg	120
gactgcctgc	tcccttgctc	agagctgcct	tgagccaggt	ccctcctgac	cccatcatcc	180
tgttcccata	tgcaagggct	gctcaggtec	acctgcaata	aacctcaggc	tgctctggc	240
agcagaggac	agggcctcgt	gggtggcagc	agcactggtc	ctcgtggctg	tgggtgtggg	300
tgggtgggta	ggtaggtggg	aaggagggca	ggcaggaggg	tgtggttcag	tcagagagac	360
tgctgttctg	ctcttcaaag	gccatcttgc	ccagaagctg	gctgtccaac	tccacccac	420
ttacaggcag	ctggaagaag	ttcatttcag	ctgctaaggc	tgccatggca	gaagggctct	480
ggccaaactg	agctcgcaac	atcatgtcca	ttttctccag	cctcctcttg	agccgcttgg	540
cctctcgctc	tcggatgagc	cgggcctgcc	gcttttccgg	ggtttcaatg	gcccgcctca	600
gcctcatggc	ctcccgatcc	cgtgcagccc	ggcgtgcccg	ctgctcgtct	gtctcctgca	660
tgcgtgcaa	gcgcttggt	tcacggctcc	tcctgcgctc	cacctcccg	tcctcggggg	720
tctcattgtc	ccgcggctc	ttcttgggcg	tgcgtctctg	ttccagccgc	tcagccgta	780
cttccaaagg	ctcattctgt	cgacgtagag	cccacttgcg	tacactggga	gtctgggctt	840
ccagcagttt	acggtaggca	gcacagttgt	tgacacaaag	cagaattcca	gcagggtaga	900
ctggaggact	aaaggcaata	tccttccctc	cagcactgga	gggacctca	ttgtggactg	960
tgggtaggga	ttccatattt	agtacttcag	gaagtttctc	actgttaaaa	gtggcatggc	1020
tggatgaacc	ggctccacac	acagcacagt	tagatcgctg	gtcctccgag	tggattaaga	1080
ggtggcgacc	caatgacccc	ggggagctaa	gggcccggcc	acagacagga	acacatgtag	1140
ctcttgggcg	tcaccactgc	tgcatgtgtc	tggtagacgt	gagcaatcaa	ctgctcccg	1200
ctcccgagct	ctagctggca	gaggggacac	tggcagagtt	caagcaaggg	gtcagaattc	1260
aaattccctg	tgacctcgct	ctcttaccct	tcgttccccc	caacaggctg	ttctgtattt	1320
tctaactctt	tctccaattt	ggacaacccc	tcccatcttc	cctctgaagt	gtggggaaaa	1380
agattcatct	tgtgtcgtct	ccctccttca	tcacctcaa	ctgtcacagt	gaaactttta	1440
tttgattttg	tctgtttccc	gaacgggaca	tgtttccctg	atgcaagagc	tctgggtctt	1500
ccccagtttc	acgactggat	atgttactac	ctccttgcaa	gatgctaacc	tccagctctg	1560
gtgcagttcc	cacggagcaa	agcaaactcg	actgaatcca	agtgatctgt	atctgcaaaa	1620
aaggagagga	caagaaagct	ggtcacttag	ccgcctggct	gttcacctga	cccctggggg	1680
tgggtctggg	gcgtgtctaa	tcagccgaga	tggctccctc	gcttcttcaa	gcagtagccc	1740
aggtaaattc	ccaggaatta	ccaagacaag	agcctgacaa	agagccggag	gtcttccgag	1800
gcggctcaga	caaaccctta	gacaacacaa	tctccgaaat	ctaaatttta		1849

<210> 5807

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (219)...(889)

<223> similar to gi2384956 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5807

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ggcgccctgac ggaagcggcg gcagcgggca gcggtctctcg ggctgcaggc tgggcagggt 60
ccccctccac gctcctgccg ctgtctccca cgtccccag gtgcgcggcc accatggcgt 120
ccagcgacga ggacggcacc aacggcggcg cctcggaggc cggcgaggac cgggaggctc 180
ccggcaagcg gaggcgcccg gggttcttgg ccaccgcctg gctcaccttc tacgacatcg 240
ccatgaccgc ggggtgggtg gttctagcta ttgccatggg acgtttttat atggaaaaag 300
gaacacacag aggtttatat aaaagtattc agaagacact taaatttttc cagacatttg 360
ccttgcttga gatagttcac tgtttaattg gaattgtacc tacttctgtg attgtgactg 420
gggtccaagt gagttcaaga atctttatgg tgtggctcat tactcacagt ataaaaccaa 480
tccagaatga agagagtgtg gtgctttttc tggtcgcgtg gactgtgaca gagatcactc 540
gctattcctt ctacacattc agccttcttg accacttgcc atacttcatt aaatgggcca 600
gatataattt ttttatcctc ttatatcctg ttggagttgc tggatgaactt cttacaatat 660
acgtctgcctt gccgcatgtg aagaaaacag gaatgttttc aataagactt cctaacaaat 720
acaatgtctc ttttgactac tattattttc ttcttataac catggcatca tatatacctt 780
tgtttccaca actctatttt catatgttac gtcaaagaag aaagggtgctt catggagagg 840
tgattgtaga aaaggatgat taaatgatct ctgcaaaca ggtgcttttt ccagaataac 900
caagattacc tgagtccaag ttttaataac aagaataaac aactttgtga aatatcatgg 960
attgtatggg ttcttaaaat ataacttgag acacgtggta tttgccagta tttgtgttcc 1020
tcttgtgcca gatctatttt ttacaagaac tgtgcaaata tcagtaactt ttgggtagggt 1080
attgattatt aggaaaataa ttaggtgtat tatctggggg aaaaaaaaaa ttttgctaag 1140
ttttttttga aacatgctca aagcttttta aatcaatatt tagaaattag ttttaacgatt 1200
tactattata cctgctagtg atatttatgt gatatctata aatgaaaata aatgcaaaat 1260
tataccaaaa aaaaaaaaaa 1278
```

<210> 5808

<211> 826

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (440)...(743)

<223> similar to gi3041844 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5808

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tttcggggccc ggaagatttt aagtttcgtg aatgcatacg caagactcgg aggtagttcc 60
ggttcggcg tgccacttt cgttggtggt gttcagttgt ggcggttgct ggtcagtaac 120
agccaagatg ctgcggaatc tgctggtgag gagcttctca tcttgcatcc atgatggggg 180
cgagggagtg gagaggaggc tgaggcacca cgacagaaaa ccctcacctg ggaggggtgc 240
cgaaggcggc taatgaagtc accttgattc gtgtcctttt tccctgacct tactttccct 300
tccgtctatt cctctcgccc caggccgtta ctgggtagat gtaaggagtg gagaggcagg 360
ggaagtgacc agagactcgt gggtagacc cgtcttggtt tcttagtcac cacctctaac 420
cctgtcggtc attgatgagg ctcttcgtca gattgggcag aggacgataa gcaactgttc 480
ccgcaggcat tttaaaaata aagttccgga gaagcaaaaa ctgttccagg aggatgatga 540
aattccactg tatctaaagg gtggggtagc tgatgcctc ctgtatagag ccaccatgat 600
tcttacagtt ggtggaacag catatgccat atatgagctg gctgtggctt catttcccaa 660
gaagcaggag tgacttcagt catcccagca atcgcttggt tcagtttcat tcagctctct 720
atggaccagt aatctgataa ataaccgagc tcttctttgg ggatcaatat ttattgactt 780
```

gtagtaactg ccaccaataa agcagtccttt accatgaaaa aaaaaa

826

<210> 5809

<211> 2568

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (317)...(2182)

<223> similar to gi4680645 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5809

ggcacgagggc	gccctgcaga	ttgtctcttg	ttgcgtaagt	ttttttgacc	gtcactcgtg	60
tcagcttcaa	agtcagatag	atttttctcc	cagcatgttc	tacttccgag	gctgtggccg	120
ttgggtcgcg	gtttccttca	ccaagcagca	atttccgttg	gcacgggtga	gcagtgcacg	180
cgcggcgccc	cggactccgc	acttcgacgt	gatagtcatt	ggtggaggac	atgccgggac	240
tgaggcagcc	accgccgcg	ctcggtgcg	ctctcggact	ctgctcctca	ctcaccgcgt	300
ggacacgata	ggtcagatgt	catgtaatcc	ttcctttggt	ggcatcggaa	agggacattt	360
aatgagggaa	gtagatgcct	tggatggcct	gtgttctcgc	atctgtgacc	agtctggtgt	420
acattataaa	gtattaaacc	ggcgtaaggg	accagctgtg	tggggtctga	gagctcagat	480
tgataggaaa	ctctataaac	agaacatgca	gaaagaaatc	ttgaatacac	cactgcttac	540
tgttcaggag	ggagctgtag	aagatcttat	tcttacagaa	ccagagcctg	aacacactgg	600
gaaatgccgt	gtcagtgggg	ttgttttggt	ggatggaagc	acagtatatg	cagagagtgt	660
gattctgact	actgggacat	ttctgagagg	catgattgta	attggattgg	agacgcaccc	720
agcaggacgt	ttaggggatc	agccttctat	aggattggct	cagacactgg	agaagttagg	780
gtttgtggtg	ggaaggttga	agactgggac	tccaccccga	attgccaaag	agtccattaa	840
tttcagtatt	ctaaacaagc	atataccgga	caatccatcc	ataccattca	gctttaccaa	900
tgagacagta	tggattaagc	cagaagatca	gctgccatgt	tacttgactc	acaccaaccc	960
tagagtggat	gagattgtcc	ttaagaacct	tcaacttaat	agtcagtgtt	aagaaacgac	1020
aagaggacct	cgatactgac	cctccattga	atcaaaaagt	ttgcgttttc	caaaccgtct	1080
acatcagggt	tggttggaac	ctgaaggaat	ggattctgac	cttatctacc	cacaggggtt	1140
atctatgacg	ctaccagctg	agttacaaga	gaaaatgata	acatgcatca	gaggcttgga	1200
gaaagctaaa	gtgattcagc	caggctacgg	tggtcagtat	gattacttag	atccccgtca	1260
gatcaccctt	tccttgagga	ctcatttggt	tcaacgactc	ttctttgctg	gacagatcaa	1320
tggcaccact	ggttatgagg	aagctgcagc	tcaatgctct	tgtaggggtg	gatagccgga	1380
atcaacgcca	gtcttcgggt	cagtcgcaag	cctccccttg	tggtagccg	aacagaaggt	1440
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tttaccagcc	gagtagagtt	ccgtttgtca	ctgcgccttg	ataatgctga	cagccggctc	1560
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tctaaatgga	aaaaattaat	cccagaggct	tctataagta	ctagtagaag	tctgcctgtc	1740
agagctctcg	atgttctgaa	gtatgaggaa	gttgacatgg	attcattagc	caaggctgtt	1800
ccagagccct	tgaagaagta	tactaaatgt	aaagagctgg	ctgaaagact	gaaaatagaa	1860
gccacttatg	aatcagtgtt	gttccatcaa	ctacaagaaa	taaagggagt	tcagcaagat	1920
gaagctctcc	aactgccaaa	agacctagat	tatttgacta	tcagggatgt	gtctttgtcc	1980
catgaagtgc	gagagaaact	acattttagt	cgtccacaga	cgatcggggc	tgctagtgcg	2040
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cgaagacagt	cggctatgaa	tgaatcatcc	aagactgatc	aatacttatg	tgatgcagac	2160

agacttcaag	agagagagtt	atagctttca	attcataaaa	gatttttttaa	agagccatat	2220
aaataatttg	gatcaatacc	aacagtatag	ataaaagaat	tatttagcac	atgttaaaat	2280
agcctttatt	aggttaccta	tgggtttgcc	cattaatttc	ctgagtggga	cagaaattat	2340
aattgtgctt	tttcgtgtat	atgaaaaaac	tagtcgtaaa	caatttgtag	tctttcttta	2400
aggagctgta	atacaaataa	ctttgtgcag	tgttcatcaa	agagagagac	agtgaacct	2460
aaactgaacc	tgggaataaaa	ctcaacatgc	agatttgcc	actcataggg	actttgccta	2520
ttaagtctac	caaattaaaa	gtcttatcat	tcagaaaaaa	aaaaaaa		2568

<210> 5810

<211> 1409

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (261)...(1103)

<223> similar to gi556868 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5810

cccacgcgtc	cgggttggtg	cttcctgttc	gcagctgcgg	caacacgcgtc	ttgccctgtc	60
gccacgctgg	agtccactgc	aacctccgca	tcctgggttc	aagcaattct	cctgcctcag	120
cctcccaagt	agctgggact	acgggagaag	atgggtataaa	ctgggtccatc	agtgaacaaag	180
acattgaggc	ccagatagct	aataaccgaa	cacctggaag	atggaccacag	cgggtactatt	240
cagccaacaa	aaacattatc	tgtagaaatt	gtgacaaacg	tggtcattta	tcaaaaaact	300
gccccttacc	acgaaaagtt	cgtcgctgct	tcctgtgttc	caggagagga	catctcctgt	360
attcctgtcc	agccccctt	tgcgaatact	gtcctgtgcc	taagatgttg	gaccactcat	420
gtcttttcag	acattcctgg	gataaacagt	gtgaccgatg	tcatatgcta	ggccactata	480
cagatgcttg	cacagaaatc	tggaggcagt	atcacctaac	gaccaaacct	ggaccaccca	540
aaaagccgaa	gaccccttca	agaccatcag	ccttagcata	ttgctatcac	tgcgcgcâaa	600
aaggccatta	tggacacgaa	tgtccagaaa	gagaagtgt	tgacccgtct	ccagtatctc	660
cattcatctg	ctactatgat	gacaaatatg	aaattcagga	gagagaaaag	agactaaaac	720
aaaaaataaa	agtactcaag	aaaaatgggg	ttatcccaga	gccatccaag	ctaccttata	780
taaaagcagc	aatgagaac	ccccaccatg	atataaggaa	gggccgtgcc	tcattggaaaa	840
gcaacaggtg	gcctcaagaa	aataaaagaa	cacaaaaaga	aatgaagaac	aagaatagaa	900
actgggagaa	gcacaggaag	gctgacagac	atcgtgaagt	ggatgaggat	tttcccaggg	960
gccccaaaac	ctactcttct	cctggcagtt	ttaaaaccca	gaagccttct	aagccctttc	1020
accgttcac	acattaccac	acgtcaagag	aagacaagtc	tcccaaggaa	ggcaagaggg	1080
gcaagcagaa	gâaaaaggag	aggtgctggg	aagatgatga	caatgataac	ttatttctta	1140
ttaagcagag	aaaaaaaaaag	tcttaagccg	tcaggcagcc	tctgatgtgg	cttttcattg	1200
ttcatttgge	ctttgtgtct	ataaccttct	ggcactgtgt	ttattatcta	tgattaaata	1260
aagtgaagttt	ttggttttgt	ttttttaatt	tcagccattc	ctagagttac	tgaatatcca	1320
tggagatctc	aattctctgt	gtccaacagg	atattaggta	agaaagtaca	aagataaacc	1380
tggacttctc	ctattccaat	atgtcatct				1409

<210> 5811

<211> 1612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1613)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1173)...(521)
 <223> similar to gi4128015 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 5811
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tggtagctat ttaaataaga gggggggggg aatgaatgtc cagatacgag cacctgcata      120
ttttagtcaa ttgtcagtg agtcagtggt gtgctaagtg ttctgaactg aagtaggtgc      180
actaagggtc caagcttccc tgcaaggatc tggacgggag gaaaagcaga ggccccgtga      240
gggaaaaaag ccttgcttcc caatacttat ttttttatta ctgtgcaaaa gagcacactc      300
tccctctttg tgtctctccc acccaacggc acccccccca cccccaaccc aagagggact      360
tatacatggg agtgcagggg acagagttga ccaggggggg cctttgtccg gcaccctggc      420
ccacaggctg agctcagccc caggcccttt caggcatcta gacactccca taagcctgtc      480
aggggtgggg gcaagggaga tcccaggggn cacacatact tccctggaag agttggactt      540
aggggtgaaga gcgggggggc acggtaccca gccttgctct cattcccagg gacagggaac      600
aggagagcag tgcacctccc aggggatgga ctaggggcag acccttgccc agcccaatta      660
aagatgggca ggggcaaact cataacttaa tgttggtagg gattcaaagg gttataaaaa      720
gtctgtgaca atctgatggc ccataccagg agcaagctac caaagcggca aagacctgcc      780
acgatgaaaa attatgcctc caccatggc tatacggggc tttctttcac tttgtcgtct      840
tccccacag cgcggtgcac ttcatgcccc atcgtggcca caaacatggc caggaagccc      900
agcaccagg agaccacat tagggctcga gtggcctgca agggccgcgg acagggcgag      960
caccgagtcg tacattttgc agctcatcat ccccgctgtc tgcgtgacgc agtccatcca     1020
cagccccttg tacatggcct gggcctgat gatgttgta cccgcatagg agctcatctg     1080
ccactgcggg atggcgggtg aggccaccag acccaccag cccagcagg ccattggagaa     1140
gcccagcaac tgcaggcccc aattggccat ttccgccctc agaaaacact gggggcgccg     1200
ggcggggaga ccctacagta aaacaaacga cacttggggg gcagccccac aaaagaaaac     1260
ttgaggtgga gttttccggt cacccaaaga gacaaaaagg gtttgggcca ggtgaatgca     1320
aatcttgtca ccaaactaca cacaatcga cccctccagt gaagcgatgg cctcgcggca     1380
cagggagtag gatacgccgg gaggtggtt ccagacaaaa ttggtggtcc ccgaaggcca     1440
ggcggttccc tccgggcgct ctcggcgacc ctaggcaaac aaaaggtgga ggggccgtct     1500
gggcgcgttt ctgagcgccg gcaagtccca aagtatcctg ggctgtaggt ccgaggctgc     1560
ggtgcgcagc agaggtgctc gcccggtccg gcgcgtgggc gacggaatcg gc           1612

```

<210> 5812
 <211> 3881
 <212> DNA
 <213> Homo sapiens

<220>

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<221> misc_feature
<222> (1)...(3882)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3807)...(195)
<223> similar to gi36122 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 5812
tttttttttt ttactatcta caaaaatttta ttatatattt acagaagaaa agcatgcata      60
atcattaaac aaataaaata ctttttatca caacacagta catatttgtc atttttaaaa      120
agccacacaa tagaaacaag acaccaagat atttaaatta tcttcggtga cccccccng      180
taaaaatagc taaacactca tcattcgcg tgcaattact cataggacat aagttcctgg      240
aaacaatagt ttggcatgcg taagggcatt cgcacccaaa ggaaatctgg ggttttattg      300
cgggcagccc ctggcatttc atatggtatg ggggtcccggtg tgttggggcca atcgccatta      360
attccacaaa ggattggcaa agcatggaac ctggatatgg ggttctggat ggccctccaaa      420
ccaatccttt tccccttaaa aactgggggt ggtccatgg gggcaatctg gacaatctcg      480
ttcccatttc ttcaaaaacg cagggcacca ttccggagaa ctaccctcca tggggctggg      540
ctattgaggg attggaatag gtccccctta gcacgaagag tgaaccttat ccatccacc      600
atatgcttca aacgctggta ataagtgggg cccaataaaa aatcgggatg ggatttttcc      660
gaccagtga acccattgta cagggacctc catttccctc ctgaagagga tagcccataa      720
tccaggataa aaagattagg aaaccttcct gccacgttaa acagcatcca ttaaaatgga      780
gtggcatcca cccaatttca ccccttggtt agcccgtatc ccttccctt gaaggcattc      840
aattaagtga cccaatagtc atacggagag gggatgggca tggggattga tgatgatgc      900
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tacccttttg accatgtcga ctacgaaatt tgtctccaat ctgtggaatc ctaacagagc     1020
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acaatgcccg tctcgctagt tctgagaaaa gtgctacagt ctcttcttgg tatagcggtc     1140
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taacatcatc tctgatacc acgaaccccc tgggagctat caaaaccnat catcatccag     1260
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gacctgaaga agccgcggtc ctacagctga acgattcatg ataacagagt cttccctgat     1440
tatatcccag tgtatgatgc aatggccaca attgagttga tgccctgctgg cagctctcta     1500
aatcgtagat attccataga ccgtgtagtc acaagtggct tttgaggata atagagaaca     1560
tgggccaatg tgtccatgcg aacatggaag ttggtgatgt aaactcccat agcctgctta     1620
cccatagcag actggtatgt gtttctaggg gactggttat gatcaggaaa gggaaataata     1680
gatgcacaga caccaaggat cattgagggg tgaatctcac agtgtgtata tgtggaacaa     1740
taagctactt ctttctctg taaatcatct ggagtcattg caagcatcac tgtttcttct     1800
tccagggtat caatatactc cactacccca ctggccacaa gatcctgcca actatagttg     1860
ttatattctc tctctttcaa ttggtcaata tgcctcttct tcaaaagtag cttttgtttt     1920
tccacaatca gaagtggctc acaaatacgg cctgcatccg tatagatccg aatctccctc     1980
tctcgaatat ctctgatcat agaaacttca gacacaatga tgtccatctg acgtctcaat     2040
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acaaaaatct tgggtgcac agcaatagct gcaggagaaa tttcttctaa attttccata     2160
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accattcccc acaacgtatt atgcaactgt cttgggtttg ctagcttgcc gtctctacca     2340
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gctaaagagt attttaggcc atcagatatg atccgtgttt taattgcaa ctccaagtta     2520
aaatcctttc ctcgatcaat aaatttctgt gcatagatcc gcacttcttt aagcaaattc     2580

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accatgtatc	ccaagaaata	ggcttttttg	gtctcacaaa	aatcaactgac	accaacatga	2760
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aaagcttcat	cgagagaagg	tttaaccatt	tccatcatct	ctggatcttc	aaaatcataa	2940
ataatatgtt	ctaaaatata	tctgtcggac	acaaaacctc	atgctctgaa	cacaataatg	3000
atgggaactt	cttgcttgat	atatggtaga	gttgccacaa	tgcgctgacc	aatagcactc	3060
ttcttggcac	cctgtcctcc	tcttgccagc	atgctaacct	atatagtact	ggtaggtcgg	3120
gaagaattct	caagacatga	tctacactct	cctgtgtagg	catatttaga	atcctttttg	3180
gcaaacacat	aaactgtgtt	tggtgccatt	ttctcttggg	caatcagaac	cttttctgat	3240
ccattaataa	tgaaatagcc	accaggatcc	aaagggcatt	catttaactc	acaaagatca	3300
cgatctgtca	agccattcaa	aaggcagtaa	gttgaccgca	acataattgg	aatttttctt	3360
ataaaaagttt	tctgatgctg	agtctgaagt	tggtcttcac	cttctttaat	gactgttttt	3420
gttatatcaa	cataaagcgg	agcagaatac	gtgagattcc	ttaatctagc	ttcattgggc	3480
atcattgggtg	aaggagcacc	atctctttcc	caatgggtag	gcttggaag	ataaatttgt	3540
tcaaacttca	gcaaatatcg	tggcggttct	tcaactcttc	cactagcatg	ctgagcttca	3600
gcctgtagg	ctataggagg	agcgtcttcc	acaattcttt	gaacagacat	ctgaataaac	3660
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acaatccagc	atgcttcttg	ccacaaatcc	ggggtgattt	catcatcatc	ctcatcatat	3780
tgcatactct	catccgcgtc	gtacatattg	ccaaacgggt	ctcgagctcc	taactcttga	3840
aatcaaaaga	caaaaaccgc	ccagaagcca	gcagcgccag	g		3881

<210> 5813

<211> 1678

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (305)...(1190)

<223> similar to gi4929603 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5813

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tcgccccggc	gccgggggct	agtagccatg	gtccccgcctc	ctctgtcggg	ccagtctgca	180
ggcggagaga	gtcggacggc	gcccgagcgc	cggatctcgc	cttggtggagg	acagcgcgctc	240
ggctgcgggtt	ctctctcgac	cccttctgcc	cggcgcttcg	gcccgggccg	ctcaggtgca	300
gagcatgaat	aatctttcat	ttagtgaagt	atggtgcctc	ttctgctgtc	cacctgtgcc	360
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tgcttgatg	tttgtagctt	gttcacccaa	tgcgaaatac	actttactct	tctcacatgg	600
aaatgctgta	tgatcttggg	caaatgagca	gctttttacat	aggactagga	tcacggatta	660
attgtaatat	attctcatat	gattattctg	gatatgggtgc	cagttccggg	aaacccacag	720
agaagaacct	ctatgcagac	attgaagctg	cttggtctgc	tcttaggaca	agatatggca	780
ttcgccctga	aaaagtggat	taaatatggc	caaagtatag	gggcagtacc	cgtctgtgga	840
tcttgctgct	cgatatgaga	gtgctggcgg	taattcttca	atccccctctg	acttcgggaa	900

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gaaggatgaa	gtccttttga	ctttttcaca	tgggcctcgc	atttgtttgg	aacgttggcc	1080
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ggacagtatc	ttgaaaggtt	gaaacagttt	gtgtcacagg	aactggtaaa	tttgtaaaat	1200
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atgcttttgc	atactagaga	cagatttata	aatatttttg	agacatctca	atatattaga	1560
tcttatcctg	gaatacaact	gtgcatatct	tgagagaagc	tatgtatctg	caggcacttt	1620
cagtactcat	aatggaatga	actctaaaag	cagatttgac	accatgcgag	ttcactag	1678

<210> 5814

<211> 2007

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (416)...(1792)

<223> similar to gi3327974 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5814

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atcgatggac	gcattcagaa	ggtaattctt	agcaagtact	gcaactccag	cgacatcatg	120
gacctgttct	gcacgcgcc	cggcctgcct	cggaacacga	ccatctccct	gctgaccacc	180
gacgacgcca	tggtctccat	cgaccccacc	atgccgcgca	attcagaacg	cactccgtac	240
aaagtggagac	ctgtggccat	caagcaactc	tccgctgggtg	tcgaggacaa	gagaaccaca	300
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ccccggaggg	aaggagcatt	tgaaagtggg	caggtagagc	ccaggcccag	agagccccag	420
ggctgctacc	aggaaggcca	gcgcacccct	ccagagagag	agaattaat	ccagagcgtg	480
ctggcgcagg	ttgcagagca	gttctcaaga	gcattcaaaa	tcaatgaact	gaaagctgaa	540
gttgcaaate	acttggtctg	cctagagaaa	cgcttggaat	tggaaggact	aaaagtgggtg	600
gagattgaga	aatgcaagag	tgacattaag	aagatgaggg	aggagctggc	ggccagaagc	660
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cgacgcgatg	ttcccactta	ccccaaagtac	ctgctctctc	cagagaccat	cgaggccctg	780
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tgcttctgcg	tggcccagat	gatgtacagc	atggtctggc	tctgcagtct	ccaggagaag	1020
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cccggtctaca	acaacacgta	ccagatcaat	gcccgcacag	agttggcggt	ccgctacaat	1140
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gatgacgcca	tgaaagagtt	acagaagaag	actgacagct	tgacgtctgg	ggccaccgag	1740
aagtccagag	agagaagcag	agatgtgaaa	aacagtgaag	gagactgtgc	ctgaggaaag	1800
cggggggcgt	ggctgcagtt	ctggacgggc	tgcccgagct	gcgcgggatc	cttgtgcagg	1860
gaagagctgc	cctgggcacc	tggcaccaca	agaccatggt	ttctaagaac	cattttgttc	1920
actgatacaa	aaaaaaaaaa	aggaattcat	gatgctgtac	agaattttat	ttttaaactg	1980
tcttttaaat	aatatattct	tatacgg				2007

<210> 5815

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (364)...(10)

<223> similar to gil712 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5815

agggtatgag	ttttgtactt	ctttcataag	tttattccta	atcatgttat	tatttttgat	60
agtattgtaa	atgaaattat	cttaatttca	tatttggatt	gttcattcca	agtatataga	120
aatacaactg	atttttgtat	attgatcttg	tactctgcaa	cctgctgaac	ttatttgttc	180
caatagtatt	ttaatgaatt	ccttaggatt	ttctacatag	aaaatcgat	catctgtaca	240
tagagatagt	tttccttctt	ccttccta	ttagataact	attattattg	tcacgagat	300
cttgcttaat	tgccctgact	agaacctctg	gtacaatgtt	gaatagaagt	agcaagaatg	360
gataccttgt	cttgcttctg	gtcttagggg	aaaagcatct	agtctttcac	cattaataat	420
gttgctcagct	ttggttttct	ata				443

<210> 5816

<211> 2756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1464)...(2694)

<223> similar to gil262433 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5816

ttcatattaa	aaaaatagct	ggtaaactctt	tctaggtagt	aacttatcca	aacaatactt	60
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catataattc	ctgtattaaa	tgtgaaacac	acagtctcca	aagtcacctg	attctctgtg	180
gaaaatgaaa	ggcattgaag	gaaaccagat	acattaatac	ttagtttttg	ttgaaagtgc	240
aacattactg	tacttagaag	gggcttggtt	tattttttaga	tatttaagct	atcattaatt	300
ttagaccaat	ggctaataat	aagagagatt	tttggttgct	catttatgga	gagacaaaga	360
acagcatggc	ataaacaac	atcccagaaa	taaatgaaaa	gttttaagt	ataaaattgt	420
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actaaattct	catgccttcc	cttttctgac	ttaagtagat	tgaaattggg	aggtaccaa	600
tgatttatgt	ttgataaact	taagttctgc	tgatatectg	ttactggtaa	ttctggtacc	660
aaaatttcaa	acggtttgat	tatttagtagc	attttgagta	cctaggtgca	tataatacag	720
ttagcagacc	cttacagagt	caaaagagat	tttggaatct	gggtgatactg	ttgtttatta	780
cactagccta	ttacattttc	tttctttata	ataactgttt	atgtgagttt	cattgaaaat	840
cgtggctcta	ttgctttatt	catggtttcc	acaactcttt	ttgtaacacc	ttaattttct	900
ctcttaggta	ttttcctgtt	aaataagata	tcaaaagcat	caatcacaag	acagagaaaa	960
cgtattagga	aaaacttgta	ttagtatatt	ctaaactgaa	atggaaaaac	tcattattca	1020
tattttaata	aataaaaactc	ccaaatgatc	ttgctaaatt	atcccactat	ttagaagtag	1080
aaaataagag	aagagtgcctt	tcaaggaaat	ttgtcatatt	ctcccttcta	tctagaagtt	1140
gacaatgaat	tgcaataaaa	ctaagaaata	actgaatgct	gaaaaatacc	atgaattaat	1200
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gtatgccctg	agtagcgagt	ccatgtcact	cagaaggact	ttgaggtagt	ccaaagtcct	2640
atctcatgcc	aaaggacagt	gaggaaaaac	atgtccatca	agaaactatg	gaattgaggg	2700
cacatccttt	gtgtgtatcc	ctacaataaa	actcagtggg	acaagcaaaa	aaaaaa	2756

<210> 5817

<211> 2356

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (393)...(1989)
 <223> similar to gi4928697 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5817

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gtatctggcg	gccttggcga	gcctgggtga	aagttgggtt	ttgccagatt	gcgcggggct	180
cctctttgtg	acgcgcggcc	agccccgc	ctcccccgga	gccggatggc	catgaaatca	240
catctcagca	catgcctttg	actctggatt	gcacatgtat	tcattagctg	aagcccaatt	300
ttaaaatcca	atcaactcta	tgattccttg	aaatgactgc	aaatcaagtc	acatccagtg	360
ctcctcaggc	caagtggcat	cagagctgag	tgatggacga	cctgcagtc	cagaacctct	420
ccatggacat	gactgactcc	cctcctgcct	tggctaataa	cagactggag	aatggcatgg	480
ctcagctgat	caccaccgag	gcctggaaca	tcaactccac	tgacctggta	aagaaggccc	540
tggtgaccgt	gccagcccca	tccattctga	acccccctgc	cgagtctcag	agtggcatgg	600
ctctgaaggt	ggcggccact	gtgttgacgc	ccctgtgcct	cggggagagc	ccagtgggtga	660
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ccacctacgt	catgaccacc	cagggccccc	tgcaactgcc	cgtgggtgctg	gagcagcacg	780
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caggtcacac	agtgatggag	aaacttccca	gtggcatgga	aatttctttt	gcccctgcc	1560
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aagaaagttaa	ataacggctt	tttaaaattt	gtatgattat	aatatgggga	aagggtgcatt	2040
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ggaaatggaa	aggtgaattg	gctctaagag	ccctgtatgc	tagtatcatt	ttctttttta	2160
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gccacaaagt	gctttgatga	tgtaatacct	aataaagggt	aggatgaata	tttcacaata	2340
aatgtttgtt	tgcact					2356

<210> 5818
 <211> 1928

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (1393)...(1106)

<223> similar to gi4455160 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5818

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gcggctgcgc cgcttcgagg accagctcgc tccccgcgac gccctcatcg ctgcctccg      180
cgccgcctg gccgcgctgg agggggacgc cgcgcctcc ctagtggacg cgctgctgga      240
gcaggttgcg cgcttcggg agcagctgcg aaggcaggag ggcggcgccg ccgaggccca      300
gatgcgccag gaaaattgag aggctgactg agcgactaga agaaaaagag agggagatgc      360
agcagctgct gagccagccc caacacgagc gagagaagga agtcgtcctg ctacggagga      420
gcatggcaga aggggagcgc gcccgggcgc ccagtgcgt cctgtgccgc tccttgcca      480
acgagaccca tcagctgcgg aggacgtga ccgccaccgc ccacatgtgt cagcatctgg      540
ccaagtgtct ggatgaacga cagcatgcac aaaggaatgt gggggagaga agtcctgacc      600
agtcggaaca cacagatggg cacacctctg tcagagtgt tattgagaag ttgcaggaag      660
aaaatcgact gttaaaacag aaggtgactc acgttgaaga cctcaatgcc aagtggcagc      720
gctacaacgc cagcagggac gaatacgtga gggggctcca tgcgcagctc agggggctgc      780
agatccccc cagcccgag ctgatgagga aggagatctc ccggctcaac agacagttgg      840
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agtgaccgag actcaccctg gcccttgccg cctcctggcc cgggtgcagct gccctcaggg     1380
acaggggtgg tgctctcaga tgccatgggt tgagctctac tgagagccaa ggcccctaga     1440
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cacagggaac tgccagttag gctggaggct ggaggtggag atggggtcag gaacatctgg     1560
cagagggagg tcccagtctg tgtctccatc aggttaagc cagagctatc tgggtgtggt     1620
gtgccagccc ctccccagc ctgcctagaa aggggtggct gcctgaggga gtcacttgta     1680
tgggtcccag ggtgggagcc ccacctgtt ctatggaata aagcgtcgcc tctctgcctc     1740
gaaccagtca aatggagtat tgcggctgca cgtcacacta ggggtggccac ccccgccatt     1800
gcgagccaca tgtctgcact gagaaactgc atttcagtag catttgtcat ccagccggaa     1860
gttaaagcac acttacttta ttcacctatt ttataataa acgttcttgc tgctgtgaaa     1920
aaaaaaaa
```

<210> 5819

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(466)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (77)...(436)
 <223> similar to gi3170965 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5819

nttgttgacg	tccctagtc	agngcgggtg	aattcatccc	tcccctacag	aagccccccag	60
agcgcagcac	ctcaccatgg	actgcacctg	gaggatcctc	ttcttggtgg	cagcagctac	120
aggcaccac	gcccaggtcc	agttgtttaca	gtctgggtct	gaggtgaaga	agcctggggc	180
ctcagtgatg	gtctcctgct	acgtttccgg	atacaccctc	actaaattat	ccatgcactg	240
ggtgcgacag	gctcctggaa	aagggcttga	gtaaatggga	ccttttgatc	ttcaagatgt	300
tgaacaatc	tatccccaga	agttccaggg	cagagtcagc	atgaccgagg	agacatctac	360
agagacaacc	caacctacct	ggagttgagc	agcctgagat	ctgaggacac	ggccgtgcat	420
cactgtgcaa	cagacacagt	gtgaaatccc	ccagcctgag	agcgt		465

<210> 5820
 <211> 1605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (800)...(1430)
 <223> similar to gi2828151 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5820

aatacaaaaag	ttagccgggc	atggtggcac	gtgcctttgg	tcccagctgc	tcgggaggct	60
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ctgcactcca	gtctgggcga	cagagcaaga	ctccctttcc	aaaaacaagc	aaatgaaaaa	180
atagagtttt	ctctatcaca	caaattggga	ggtttgtatt	gaatgttata	tttatcctct	240
atccagtctt	gtcttgagc	acaaagcaaa	aaggcccagc	atcctccact	atcttctgaa	300
aacttgccct	caggcctgag	caagagggtc	gcccggttgc	ttccatgtag	ccagccagca	360
tatgtgcagg	gccaagtcta	gagggaggag	ggggtggcac	atggatggtt	tcgtttaatt	420
ggaagacagt	gggtagattg	gagctggcat	ttgaagatgt	tgagagttgt	ggatcatggg	480
caagaaaagc	gctgttcttg	gactgcgggg	caggagaagg	aaactgatgc	ttctgagggt	540
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cgtgcccattg	accacagaga	atcttctcta	catgtgcacc	catttaaagg	actcggcttc	960
aagggaagca	gcttccaccg	cattatcccc	cagttcattt	gccagggcag	tgatttcaca	1020
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gccctcatgg	aggcctcaaa	agggcaggac	cagcaccctc	ttctacggag	gaagggaacgg	1140
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<210> 5821

<211> 1503

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (145)...(608)

<223> similar to gi871830 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5821

cctggagggga	ggcaggaagg	gtggacacgc	ctgtgtgggt	gatgggcaga	ggggacctct	60
ccttctctgtc	tccctcgagc	ccggagcacc	tctccttctc	gtctccagga	ctacagtatt	120
gacgaggagg	ccgccttcca	ggctgctctg	gccctgtctc	tctctgagaa	ctgaagggaa	180
gcgcagccac	ccgcctgcgt	ctggggtcag	ggatgtcccc	gtcctctgtg	cgcacctggc	240
acctgctcgg	gagcgcacct	caccggactg	agctcacagg	aggagcctgc	acccgcgcag	300
aaggggagcc	ggggccgagc	ctccgggctc	gaatacgggc	cagccgccga	ggccgccaga	360
gcagggccgc	ctggtcccac	cggcgctcgt	gggttcttcg	gtgcttctgg	ccgagcaggc	420
ggcctacttg	ggcagggctg	gacgctggga	cctggagctg	ccgccgtctc	ttcaaagcca	480
tgataccccc	tctgtgggaag	aagggaccga	cgcgcgagtc	gcgctccgca	gtcgcagccg	540
gaggaaccca	ggctgctgcc	ctgcccagcc	cgacctgcc	ccggccccgc	ttccaccttg	600
cgcatttggt	actggctttt	gtgatactta	ggaaccttg	catcttttct	atattatcca	660
gtgtgataat	cttttcacgt	tttatagagc	aaagacagag	cagttactct	tcatattgca	720
atatctgtgt	ttgactagga	ataatagtat	ttttatggaa	catttacaaa	attatatttt	780
ttaagaaaac	aatcaaaaac	agcattgggg	gattggggca	aggatggaag	gagcagtggg	840
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ctgtgtgtct	gggtccttga	ggtttgtacg	tttctctttg	atgaccagga	agaaatccca	960
gcaccccagc	cacaggctgt	ggctgctccc	agcagaggcg	gggcccgcag	agaagggggc	1020
tccctccacc	agagtccctg	ccttgccccg	ctgtcacctt	caaagctgac	tgtgccccgc	1080
tgccggaggg	gacggcaccc	cagtgggtgg	agagcttggg	ggcctgggca	ggggccccgt	1140
tggcggggcg	ggcaacacgt	caacattctt	ttctgttctt	ggcattaatt	attgctgtct	1200
ttttttaaaa	aaaaaaagtt	taaataaaat	gtctcagagc	atcaaaaaaa	aaaaaagggg	1260
gggccctttt	aaaagaaccc	ttggggggcc	caaatttaac	gggggttgga	aaggtaaaat	1320
ttttttcttt	atggggggcc	atttaaaacc	ctccttggga	tttttggaag	agaacctttt	1380
ttttgggggg	ggaaaaaatt	ggcccaaccc	cccccaaaa	tttaaagcct	taagggaaaa	1440
aaaaaatttt	taaggggaaa	agggggaaaa	acaaccggaa	tacctgggt	gttaaaaaaa	1500

<210> 5822

<211> 1945

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1192)...(263)

<223> similar to gi2749982 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5822

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gaggcatggg	cataaggtca	acttgacta	aatgtaactc	gtacgttttt	tctaaaataa	120
tttcttgagc	attgtgggtg	ccttatgtac	taaccggaag	ctgaacttcc	tggaagctg	180
atccaatgga	gcacttgga	ttcaggggtg	gagtcttctt	cctgggtcag	agctggttca	240
gggtcacatg	ctcttgaggt	ccctaaaggc	cacatgtgct	gcatttcgcc	cagcagctcc	300
catcacacct	cctccaggat	gagccccact	tccacagaga	tacaggccct	ggagagggca	360
gcggtagcca	gaatgcaggg	gcacggggcg	ggcgaagtag	agctgggtcca	gggacatggc	420
gcagtggaaat	atgttccctc	caggaagccc	gaagattctc	tccaaatctg	gtggtgtgag	480
gatgtctctg	ccaaccacag	agtccttgaa	gccaggggca	tagacctcga	tgcaatcaaa	540
cactgtggga	aggcaggcca	tccatggcat	cttcaaaggc	ctgatgaagg	aggaggggtg	600
cttcacagtt	caggtggatg	gagcattggt	gatggggcag	cggtggccc	ctgggagcat	660
tgggggccgc	caggaagctg	ggcagcctgt	ctacggccac	ttctgaccag	gctgcagggg	720
gacacaggct	ggaggtccgg	gaatggagat	gatgactgag	ttcagctgcc	cccagcctgg	780
aggtttctca	ctcagatggg	tcaaaggaga	cagtgtgtca	atgtggtgtg	cctcttacca	840
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accattttgc	ttctcacctc	tgtgccatct	tccagcaca	ctccttgaac	acagccttca	1020
ctgttcacct	gcaccttcgc	cactgtcttt	tcagtgaaga	tgcttgctcc	atgtgtggtg	1080
gctgagcttg	cgatcgcatc	agagagggca	cccatgcccc	cctggacgta	gccccaggcc	1140
ccctgcattc	cctccaggcc	ccccatcaca	tggtgcagca	gcacatacct	gtggacagac	1200
catccgactc	agatcctgga	ggtgggatct	catctcccca	gagttccagg	tgcaactatt	1260
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caatgagctc	aagttcttgt	aagagccctt	tgcttctctc	acaccctctc	cctaacaagt	1380
gtgtctatgt	gcatagctta	ttaccacaaa	gaaggcaacg	atgccccaaac	ctgcagctcc	1440
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ctttcttggc	agcatcttaa	accaccacc	ttttcccat	tctccagctg	cttccccttc	1560
aatctttccc	atcccagtg	acggcacctt	tcaacaggag	gttctgtttc	cgacagaaat	1620
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ctcagcctcc	aaagggtctt	caaggctcatc	ccacctctca	gcctctcttc	tcttcttat	1740
gctgctgcag	tagtgcccc	cattggaccc	cctctccac	actttctctc	ctgcaggtct	1800
tgccacata	tatcctggag	ccctatctta	aagcccagct	ctgctcctgc	cactcactta	1860
tcaccattcc	aagcctcccc	ggcttggcac	tgctcttagg	ataatggcca	gtcttctagc	1920
aggcactcca	gcctcatccc	tcac				1945

<210> 5823
 <211> 1002
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (368)...(837)
 <223> similar to gi332566 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5823

ttttcaacct	taaaaaattt	taatggaatt	ttcttctttt	ttttttttct	ttaaataaca	60
atgtgacaaa	aggggtgaaa	aatcctaatac	aaggtattga	ggccagtgtc	caggctgcat	120
tcagttcaca	aaactgtcct	caggacgttg	catggaactg	gaaatgtgta	taattacaga	180
agaaaacagg	gaggacttag	tgcagagagg	agacgagtgt	ggacgggcaa	cagcatcctt	240
agtctttcat	atztatatat	ggtatatgta	ttttctatat	atatatztat	atattttaca	300
tccaggtatc	ccagtcacat	gtaccatttc	ccagggagac	atgggtgctt	ccaaggcgag	360
acaggaaagg	gttaggcagg	gaaggggcag	cgacggtgca	ggctggggct	tggtcacag	420
aagctgcagg	agcttcagcg	actgtaagag	ggccccgggc	tccgcagacg	ccaggtagctg	480
gcagcaaagc	cagtcctcca	gtccacgcc	ccgctgcga	tccaccgctt	tctccgcaa	540
cttcacatc	atcagggcc	gcttcagtgc	gatccagttg	tgcagcgtgc	cgcacagcgc	600
ctcctccgag	gtgcccggct	gctgcaccag	ctcgcgcga	ggccccaca	gcaggcactg	660
cagcacgcgc	ttggcctcgc	cgatgcggat	acgcttgatg	gggtcggcct	ccagtagcag	720
atgtgccagc	tgctgcaggc	cgggtgagta	gagggacagc	gcgggcagcg	gcggcaggtc	780
ctcctgccgg	tagtctctct	cccgcagctg	ggcgcgcacc	tcgaaagggt	tgggttggtg	840
cagcagctcg	tagatgagga	tgcctgtctg	gaactcatcg	aacttgcggt	actgggaagc	900
agacacgata	tcgggggcca	gccgggcctg	gctcttcttc	tgctgcaggt	ttgggggtgct	960
gcccggttc	tgcttgccct	tcaaaaagtt	gctgatgatg	ag		1002

<210> 5824
 <211> 3270
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3271)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1499)...(548)
 <223> similar to gi5420387 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5824

ggaccgcgct	caacggcctc	ttctggttgc	tgtcttctcc	gtccctccgg	cccattgttc	60
ctactcacgc	gtctcacttt	atggcctatt	ttctgcatgg	atctctggca	gcctcgcttt	120
ctccctgacg	tttcagcctc	atccccagag	gagccacact	ctgacagtga	gggtgcgggg	180
tcaggcgccc	ggccgcacct	gctgagtgtg	cccaggttgt	gcagatacct	ggctgagagc	240
tggtcacct	tccagattca	cctgcaggag	ctgctgcagt	acaagaggca	gaatccagct	300
cagttctgcg	ttcgagtctg	ctctggctgt	gctgtgttgg	ctgtgttggg	acactatgtt	360
ccagggatta	tgatttccta	cattgtcttg	gtgagtatcc	tgctgtggcc	cctggtggtt	420
tatcatgagc	tgatccagag	gatgtacact	cgcctggagc	ccctgctcat	gcactctggac	480
tacagcatga	aggcagaagc	caatgccctg	catcacaac	acgacaagag	gaagcgtcag	540
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gcagagctgg	ctggcttctc	cccagtgggtg	gatgtgaaga	aaacagcatt	ggccttggcc	660
attacagact	cagagctgtc	agatgaggag	gcttctatct	tggagagtgg	tggttctctc	720
gtatcccggg	ccacaactcc	gcagctgact	gatgtctccg	aggatttggg	ccagcagagc	780
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ctgcccggca	ccctgtcacc	tccactttgc	cttgttggaa	gtgaccacagc	cccctcccct	1140
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gcagagctgg	gcttggagcc	agagacaccg	ccaaaacccc	ctgatgctcc	accctgagg	1320
cccgacatcc	attctctggt	acagtcagac	caagaagctc	aggccgtggc	agagccatga	1380
gccagccgtt	gaggaaggag	ctgcaggcac	agtagggctt	cctggctagg	agtgttgctg	1440
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ggtgctatt	ccacctctg	cctgcctgcc	tgccctgtgt	cctgggcagt	gtgcagtacc	1560
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caaccccatc	ctttgccagc	tcttctcttc	ccgtgggcac	tgccaagct	ttagggaggc	1920
tcttggtctg	ggaagtaaag	agtaaacctg	gggcagtggg	tcaggccagt	agttacactc	1980
ttaggtcact	gtagtctgtg	taaccttcac	tgcctccttg	ccccattcag	cccgcccttt	2040
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tgtgctctct	cttgagatta	ggagcttctt	tactgctcct	ctgggtgatc	caagtgtagt	2160
gggacccccct	actagggtca	ggaagtggac	actaacatct	gtgcagggtg	tgacttgaaa	2220
aataaagtgt	tgattggcta	gaactgctgc	ctccctgact	gtgagctgcc	ttccacaccc	2280
tgactgcac	tgtgttctct	cctcaccctt	aacctgcttc	actccagtct	gttctggctg	2340
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ccttagccat	cttccctgac	agtgtgatct	gtttagttag	atttagcatg	tgtgaataaa	2460
gtatatgcag	gaggaaattg	ctttgtcttc	ccaatcggtg	gaaattcggg	accataaaaa	2520
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ctacatgcta	acaactcact	cagcctggat	ttatctttac	tggggaagcc	aaacaagcaa	2640
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ttaagatttt	tcctcacagg	tcagatatat	actgttacta	atttcatttt	atagacaggt	2820
taagcttctt	gaaggccaca	ggtcccagta	aattgtggag	ccagaaccca	aacccaagaa	2880
gttttggtct	cagcaaatgc	atcagacagc	ccctgtccat	taatagggca	caggtaggaa	2940
gatgcacaag	gatgtgggaa	ctatagagaa	ccaatctgat	gccttggctt	aacaaagagt	3000
ggacatggca	agccttcttc	ttcggggaa	aaaagcccag	aactgagcag	atggcctcct	3060
ttatgagttc	atgtcctccg	ccttcagctg	gaggtaccat	atggcgatgc	tacctgtctt	3120
tctgctggag	gtaccatatg	gtaatgctgc	ctgtctgtct	gctggaggta	ccatatggta	3180
atgctgcctg	tctttctgag	gttgactttt	atgccatgtc	tttcctaagt	gtgtaagaat	3240
ttttctgttt	gcttcacatt	tgactgagaa				3270

<210> 5825
 <211> 5010
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (248)...(3530)
 <223> similar to gi5870866 in the genepept database release 114,
 Run with FASTXY 3.3t00; default parameters

<400> 5825

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tctcagctgt	gcgggaacgg	ccgagggtaa	catcccgggc	tgcggggagg	ctgtcagggt		120
aatggccaca	cgctgacaga	accagccgag	tggaaaaggg	gagcgaagcc	gttcctctgc		180
acccttcccc	aggcctgagg	ccttcccgc	tgggtgctgcc	gccgccactg	ccggtgagg		240
aggggcgatg	agttgggttca	acgcctccca	gctctccagc	ttcgctaagc	aggccctgtc		300
ccaggcccag	aagtctattg	acagggttct	ggacatccag	gaagaggagc	cgagcatctg		360
ggccgagacc	attccgtatg	gagagccggg	aataagttcc	cctgtcagtg	gaggatggga		420
tacttcaacc	tgggggttga	aatcaaacac	tgaacctcag	agtccaccaa	tagcctctcc		480
taaagcaatc	acaaagccag	ttcggaggac	tgtgggtcgat	gaatctgaaa	atttcttcag		540
tgcctttctc	tcgccaactg	atgtccagac	cattcagaag	agtccagtg	tatcaaaacc		600
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agaaactgtt	aataaagaat	cggatatgaa	ggtgccaaact	gtaagtttga	aagtatctga		840
aagtgtaat	gatgtgaaaa	caactatgga	aagtatatct	aatacgtcta	cgcagtctct		900
cacagcagaa	acaaaggaca	tagctttgga	acctaaggaa	caaaaacatg	aagacaggca		960
gagcaataca	ccttctcctc	ctgttagtac	cttttcatca	ggtacttcta	ccaccagtga	1020	
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agaagcactt	tctgagaagg	aagatgtttg	caagacagtt	gaatttctga	atgaaaagct	1620	
ggaaaaaagg	gaggctcagt	tattatctct	tagtaaggaa	aaagcacttc	tagaagaagc	1680	
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cttgaaagat	gagtttactc	aaagaattgc	agaagcagaa	aagaaagttc	aactagcctg	1800	
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gaaacaacat	agagaaaata	ttaaaaaact	aaattccatg	gtagaacgcc	aagagaaaga	2160	
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tgccctggat	agtgcataca	aagaacttac	tgatcttcac	aaagccaatg	ctgcaaagga	2280
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agcattagag	aaggcccaag	aagaagcccc	tcagcagcaa	gaaacattag	ccattcaagt	2400
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tttacgccat	gagatcggtg	aacttcagca	gagactccag	gaagcagaga	atcgaaacca	2520
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taggcttggt	gaatcccaga	ccttgctggc	agcagcagtt	gagagagaac	gtgcagctac	2700
agaagaactc	cttgctaaca	aaattcagat	gtcttccatg	gagtcacaga	attctctttt	2760
aagacaggaa	aacagtagat	ttcaagcccc	gctagaatca	gagaaaaata	ggctgtgtaa	2820
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aagaacactt	gaagagacga	ggaaagaaaa	gacattgttg	aatagtcagt	tagaaatgga	2940
aagaatgaaa	gttgaacaag	aaaggaagaa	agccattttt	actcaagaaa	caataaaaaga	3000
aaaggaacgc	aagccatttt	ctgtttctag	cactcccacc	atgtcacgct	caagttcaat	3060
aagtgggtgt	gatattggcag	gactacagac	atcttttctg	tctcaggatg	agtctcatga	3120
tcaactcatt	ggaccaatgc	ctatatcagc	aaatggaagc	aatctttatg	atgctgtaag	3180
gatgggagca	ggatcaagca	taattgaaaa	cctacagtct	cagctaaagc	taagggaagg	3240
ggaaatcact	catttaacagc	tagaaattgg	caatctagaa	aaaactcgat	caataatggc	3300
tgaagaacta	gttaaattaa	caaatacaaaa	tgatgaactt	gaagagaagg	tgaaggagat	3360
acccaaactt	agaactcagc	taagagattt	ggatcaaagg	tacaacacta	ttctgcagat	3420
gtatggagaa	aaagcagaag	aggcagaaga	acttcgatta	gatctcgaag	atgtaaaaaa	3480
tatgtacaaa	actcaaatag	atgaactttt	aagacaaagt	ctcagttaac	ttgtgaaaaa	3540
tgaattccca	tcaaactgaa	tgtaagcatt	taatattctaa	acatttaatg	cggacttcca	3600
ataaattctt	ttatataatt	atatagtggg	atttactgta	gagtgtaaaa	atttttttaa	3660
aattgattta	cactatgtag	taataatttac	agttaaatta	ttttgtgcaa	tatttgaact	3720
ttatttttga	aactattctt	taaagattta	ttttttaaag	cattcatttt	ttttccttga	3780
atagcacaga	gattttattac	tttatcctca	tataaatatg	gctagagaag	aagaattggtg	3840
ttcatatatg	tattgtagat	atacaactag	ttgtatctat	aatttgtaag	tgtttatata	3900
tatattaaga	acatttgaag	agtaatgtta	acatactgaa	actttgaaat	ctttcacatt	3960
taaaatttca	acatatctta	attactgctc	atgaaaatgt	acattaagtg	ttaaagtaaa	4020
aaattattaa	atctgtggct	attaaatttt	aaactaattt	ttttccttta	aaagtaagag	4080
tcacactgac	actgtctgaa	atttaaagag	tgaatgattt	aaacttaaaa	aaaattttga	4140
tctgaaaatt	tatttcaccc	agctttcaca	attaagtctg	tataaaatgt	ggtacctttt	4200
ggtacctatc	cagagaaacc	tgtacatatt	caatgttatc	tagatgtgat	tggataatgg	4260
agaaaattta	tttataatga	ttttgcaatg	gcatcaataa	catttaaata	attttgaaga	4320
agtattattt	tactacccta	taaaatgaat	cgaaaataat	aaagttctta	acataattta	4380
ctctttaaaa	attacctggt	catattttgt	aaacccatat	ttttagcaca	ttaaaaatga	4440
atgtttgata	ttacagaata	ttcataacaa	aatggaagaa	ttataggaat	taacttgaat	4500
ttggcatttt	taattttgtg	atttatcatt	ttattttttc	ttgaaatttc	aaacacaagg	4560
aaagcataga	atagctttta	aaagtagcta	tgccctcttc	caaagtgtat	tttattcaaa	4620
aaggtaacca	ggttgtgttt	taaacctgtg	aaatattgtg	atgcatttta	ttactgaaag	4680
ttattttaact	gcctttactt	gcacataaaa	actctcattt	acggccagg	gctgtggctc	4740
atgcctgtaa	tcccagcgct	ttgggaggcc	aaggcgggca	tatcacctga	tgtcaggagt	4800
tcaagaccag	catggccagc	agtttggtga	aaccccatct	ctactaaaaa	tacaaaaatt	4860
agcctggcgt	ggtggtgtgc	gcctgtaatc	ctagctactc	gggaggctga	ggcaggagca	4920
ttgcttgaac	ctgggaggtg	gaggttcaaa	tggagcccaa	gattgtgccc	actgcactcc	4980
agcatgggtg	acagagaaag	actccgtctc				5010

<210> 5826
 <211> 2481
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (129)...(2166)
 <223> similar to gi36439 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5826

cggtcgacga	tttctgtccag	gaggcacgct	ggtttttcgg	ggccgctcca	tcgcgccttc	60
ctctctgcgc	tcgcttctcc	ggtccagccg	ccatcttctc	ttccgcacag	gggccgccga	120
gcggggcca	gcagccaacg	ctgcttctca	gcctctctgg	agccgtgggg	ctggcgctg	180
tcaattccat	gccagtggat	aacaggaacc	acaatgaagg	aatggtgact	cgctgcatca	240
ttgaggtcct	ctcaaagtcc	ttgtcgaagt	ccagcgctcc	acccatcacc	cctgagtgcc	300
gccaaagtct	gaagacgagt	agaaaagacg	tcaaagacaa	agagacaact	gaaaatgaaa	360
acacaaagtt	tgaagtaaga	ttgttaagag	acccagctga	tgcttcggaa	gcccacgagt	420
cctccagcag	gggagaggca	ggagccccag	gggaggagga	catccaaggc	ccaacaaagg	480
cagacacaga	gaaatgggca	gagggaggcg	ggcacagccg	agagcgagcg	gatgagcccc	540
agtggagcct	ctatccctcc	gacagccaag	tctctgaaga	agtgaagaca	cgccattctg	600
agaagagcca	gagagaggat	gaggaggagg	aggagggaga	gaactatcaa	aaaggggagc	660
gaggggaaga	tagcagtga	gagaaacacc	ttgaagagcc	aggagagaca	caaaacgctt	720
ttctcaatga	aagaaagcag	gcttcagcta	taaaaaaaga	ggagttagt	gccagatcgg	780
aaacacatgc	tgccgggcat	tctcaggaga	agacacatag	ccgagagaag	agtagccagg	840
agagtggaga	ggaggcaggg	agccaggaga	atcaccccca	ggagtctaaa	ggccaacccc	900
gaagccagga	agaatctgag	gaaggtgagg	aagatgccac	ctctgaggtg	gacaaacgac	960
gcacgaggcc	cagacaccac	cacgggagga	gcaggcccga	caggtcctct	caaggaggga	1020
gtcttccctc	tgaggaaaag	ggacaccccc	aggaggaatc	tgaggagtca	aacgtcagca	1080
tggccagttt	aggggaaaag	agggaccacc	attcaaccca	ctacagggct	tcagagggaag	1140
aacctgaata	tggagaagaa	ataaagggtt	atccaggcgt	ccaggcccct	gaggacctgg	1200
agtgggagcg	ctataggggc	agaggaagt	aagaatacag	ggctccaaga	cctcagagt	1260
aggagagttg	ggatgaggag	gacaagagaa	actaccccag	cttagagctt	gataagatgg	1320
cacatggata	tggatgaagaa	agtgaagga	agaggggcct	tgagccggga	aagggacgcc	1380
atcacagagg	caggggaggg	gagccacgtg	cctatttcat	gtctgacacc	agagaagaga	1440
aaaggttctt	gggtgaagga	caccaccgtg	tccaagaaaa	ccagatggac	aaggcaagga	1500
ggcatccaca	aggtgcgtgg	aaagagctgg	acagaaatta	tctcaactac	ggtgaggaag	1560
gagccccagg	gaagtggcag	cagcagggag	acctgcagga	cactaaagaa	aacagggagg	1620
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taggggaact	gttcaaccca	tactacgacc	ctctccagt	gaagagcagc	cattttgaaa	1740
gaagagacaa	catgaatgac	aattttctcg	aggttgagga	ggaaaatgag	ctgaccttga	1800
acgagaagaa	tttcttccca	gaatacaact	atgactggtg	ggagaaaaag	cccttctctg	1860
aggatgtgaa	ctgggggtat	gagaagagaa	acctcgccag	gggtcccaag	gctggactga	1920
aaaaggcaat	atgacaggg	gccccactt	gaaccagctc	cttcaactaca	gaaagaagtc	1980
agcttgagtt	tccagacttc	tatgattctg	aggagccggt	gagcaccac	caggaggcag	2040
aaaatgaaaa	ggacagggct	gaccagacag	tcttgacaga	ggacgagaaa	aaagaactcg	2100
aaaacttggc	tgcaatggat	ttggaactac	agaagatagc	tgagaaattc	agccaaaggg	2160
gctgactgtc	attggagcgg	tgggcactgt	taagaagcag	ccatcacatg	atctgttttt	2220
caccacttca	ctgaaagaca	ccatttatct	acccaagggc	agaaagtaga	acttactatt	2280
cattaaatgt	ttgacacaat	tggaattgtc	tttaatttct	gtcagaatgc	tattgaaaat	2340
gtgaattgca	tgacttgtag	catattcttt	tctgcaaaat	agacatatta	acatgcttat	2400
gacaaatgac	ttgtgctact	tgtcttttgg	gaaaatgttt	gtctcagttg	gaaataataa	2460
aagattcacc	tgagaccaaa	a				2481

<210> 5827
 <211> 2793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2794)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2515)...(2217)
 <223> similar to gi3850063 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5827

tttttttttt	ttgtcatact	aaatatattat	tttctgcaga	ctgacttcgg	agtaattctt	60
gagccaggag	gggagagggt	agtgttcaaa	ttgttgagat	cttaggtcaa	aaagctacag	120
aaaagaaatc	actttgaaaa	acacaatgac	tcagaggcag	tcaccccttg	ccagcaattc	180
caagagctga	ggaggcttca	tgccctcagga	catggtgact	agttgagtga	accagagatt	240
gaggcagtgg	tttttacagg	ggaagaaaca	agccttgggt	gtatgggagc	aggaaaggag	300
ggtgacagac	tggagaaatg	ataaaggcca	ttttggaagc	ccacagggaa	gtggtcttgg	360
gaaacctgaa	gacactggga	tattcagaag	gccaaagggg	tccagcttat	cctgttgggc	420
aaggtgctgg	gagtgaaggc	aggtaagcca	tgtcaagggc	ctgggaagca	aggggaaaac	480
tgggaagggg	acccaggtg	aagaagggtg	tggaaatggg	tgcaagaagc	catggagatg	540
accggcagat	ctcagggcgg	tttctggcac	atcagaagtt	gggcttatgc	ttcttgagct	600
ccaccataag	gtggtgaatg	ttgatgagct	cagcccgggc	agggagggct	cggagctgcg	660
gctgggacag	gcacccggtg	gaagcgatga	tagaggctgg	atcagctggg	tcagcgctcc	720
ctgaatgata	ctggtgccat	ttctgaagtt	ggtgaaactc	cgcattacat	cctgactcag	780
agattccact	gatgatttcc	aggaactacc	aaagccacgg	atcagctgag	ttacccgggc	840
ttcttccctt	cgaagtcgct	cagcctgtcc	acgctcaatc	aaagcctcag	cctccttcac	900
aaatgccact	aaacccccaa	aagggggaga	cagcaactct	tcaatgaatt	cctgtgtccg	960
agcattgagc	agctgctgga	agctctcaac	ctctttgctg	tcactctgcag	ccgctccta	1020
ttaccatcag	cacaccagc	atcatgtcat	agttgttgat	cagaaacaca	agctgctcct	1080
tccttgagga	gaactcagct	gccactcgga	ggacaaaatt	ctccacctcc	acctgcagct	1140
gtcccagcaa	ttgcatggtc	cgttcattag	gaattgtctg	gttgatactg	acaagagcgg	1200
aggagaactc	tgcatagcgg	cgtgtgatat	agtggggccg	agtatccaac	ccccctaggc	1260
gctggggggtc	agtgtctcgg	acgctctgaa	cattcatctc	caggatcagt	tcaaaccgtg	1320
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ctgcaatggt	acggaaccgg	agaacaatgt	ggatacacag	aaaaacagca	atggcatcgt	1440
agcagtcagc	tagataagaa	tccaggtggt	tcagggtcat	gctgagtgtg	cggcccatga	1500
cagcatggaa	caggtcgtgt	gcagctgggc	cagacacaac	aaaaaattca	cagatgaaaa	1560
ggtatttcg	gcaggaattg	tctaggaggg	cgtagtgtctg	gctgcggaag	agggcctcaa	1620
atggatacct	ctgctctccg	cgtctgcgtg	tgtgaggcac	caggatgggg	gcctcaagtt	1680
cagtggggga	gatgacagag	ccgcgggttc	ctagggtgaa	aatgggtgtc	ctgctgcgga	1740
gcgatggctt	tgagaagaat	cctttctttg	ctgtatcttc	cacacccatt	agatcatctt	1800
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tcttcgtcac	tgcttgacc	cggagccgat	cgagcacgcc	tctgacatct	gcgcaggctg	2100
ctgtgcctct	agcttctctg	tctctgactg	cggctgcctt	ggcatccagc	tcctgtagct	2160
gtccaagaa	cctgggctct	gtcactggag	cctccagaat	tgccgtgacc	agagcagaag	2220

gcaccaccag	accatcaaca	agctcccca	gtttccccc	aactgctgg	cgatttcgaa	2280
gtcgaatgtt	catggctcct	gactgttcct	gcagtgctcg	gatctcagag	ctgatggagc	2340
tgaggctact	ctgaaaagct	cccaacatct	gtctcattcg	ctccaggaca	gcatcacagg	2400
ctgtgatctg	gttgtgtaga	gatgctatat	tctcactctc	ttgaatataa	tcccgaatgg	2460
atttctgttc	aatctgctgt	agctccagct	caacttgctt	tgaatagtga	cggagatcta	2520
caccatcca	cttcatccag	gatgaattca	tcagaagtga	tatccaactc	cccaagttgc	2580
agtggttcct	ggagcccagg	accaccgct	tccggcaact	gtcagtcctg	gcgagtcctg	2640
tccccggagt	ggagctacaa	gtcccaaagg	gtcttcctca	gcgcgaaatc	gttcccagat	2700
atttgagata	agttgtttga	ctccagctgt	cccctttcag	ctctaaccac	tacgaaatcg	2760
tcgaccgcga	aattnnnngc	ggtcacagat	ggg			2793

<210> 5828

<211> 1711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (359)...(1357)

<223> similar to gi642486 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5828

ggaattcccc	ggtcgacgat	ttcgtgcggt	catggaggcg	ggcgccggag	ccggcgcggg	60
agccgcgggc	tggagctgcc	cgggcccagg	accacagtg	accactctag	gtcctatga	120
ggcttccgag	ggctgtgaga	ggaagaaggg	ccaacgctgg	gggtccctgg	aacgacgggg	180
gatgcaagct	atggaggggg	aggtgttact	cccagctctc	tatgaggagg	aagaggaaga	240
ggaagaggag	gaagaagagg	tgaagaaga	agaagaacaa	gtgcagaaag	gtggcagtgt	300
tggctctctg	tcagtcaaca	agcaccgggg	actgagcctc	acggagacag	agctggagga	360
gctgcgggct	caggtgctgc	agctggtggc	agaactggag	gagaccgggg	aactggcagg	420
gcagcatgag	gatgactcct	tggagctaca	ggggctcctg	gaggatgaac	ggctagccag	480
cgcccagcag	gcagaggtgt	tcaccaagca	gatccagcag	ctccaagggtg	agctgcgttc	540
tctacgggag	gagatttccc	tgtagagca	tgagaaagaa	agcgaactta	aggaaataga	600
acaggaattg	catttgcccc	aggctgagat	ccagagtctg	cggcaagcag	cagaggattc	660
cgcaactgaa	catgagagtg	acatagcatc	cctgcaggag	gatctctgcc	ggatgcagaa	720
tgaacttgaa	gacatggaac	gcattcgggg	agattatgag	atggagatcg	cctccctccg	780
tgcaaaaatg	gaaatgaaga	gctctgaacc	atccggtagt	ttaggtctct	cagattactc	840
tgggttacaa	gaagaactgc	aggagctgcg	ggaacgctac	catttccctga	atgaggaata	900
ccgggccctg	caggagagca	acagcagcct	cacggggcag	cttgcagatc	tggagagtga	960
gaggacacag	agagcaacag	agagatggct	gcagtcccaa	acactgagta	tgcagtcagc	1020
agagtctcag	acttcagaaa	tggatttctt	agagcctgat	cctgaaatgc	agttgttacg	1080
gcagcagcta	cgggatgctg	aagagcagat	gcattggcatg	aagaacaagt	gtcaggaatt	1140
gtgttgtag	ttggaagagc	tacagcatca	tcgccaggtc	agtgaggagg	agcagaggcg	1200
gctgcagagg	gagctcaagt	gtgctcagaa	tgaggtgctt	cggtttcaga	cctcccacag	1260
tgtaaccag	tcattccccta	cccccaatcc	ccccatcttc	tccttgcttc	ttgtaggccc	1320
tgggtggtcat	ctcggttttg	ctctggtgct	gggtgggctga	gacgtcgtcc	taatgcagaa	1380
catgtttggg	ttgtggaagc	ctatggtatt	cttggtctatt	gcagctgtgg	ctctgtatgt	1440
gttaccacac	atgcgacagc	aggagtcaga	gttctgcctc	atggagtgat	ggcagacctt	1500
ggccagcgcg	agggcagatc	cccagtgccc	accaccctca	gctttgggca	ggacacactg	1560
tgccagaacc	ctccccatat	gttccatgtg	tccccatctc	ctcagccctc	agtcaccacg	1620

```

gctgaaaagg cttgtgggga gcggtgact tccatctcct gccttgtgta agaacctgag 1680
ttcccttgta attaaatata aactgaatta c 1711

```

```

<210> 5829
<211> 925
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (79)...(777)
<223> similar to gi3128208 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5829
tttcgtgggt actggggcgt gcgtgaggcg tttactgatg cttcctgggc cgggtggcctc 60
ggccccggtg agccaggcat gaagatcaca aggcagaaac atgccaaaga gcatcttggc 120
ttcttcgcga acaacttcgg agtccgcgag ccgtaccaga tctgtctgga cggcaccttc 180
tgtcaggcgg cgctgcgggg ccgcatccag ctgcgggagc agctgccccg ctacctcatg 240
ggggagacgc agctgtgcac cacaagatgt gtgttaaaag agctagaaac attgggaaag 300
gacttatatg gggcaaaact gattgcacaa aaatgccaaag ttcgaaattg tctcatttc 360
aagaatgcag tgagtggatc agaatgtctg ctttccatgg ttgaagaggg aaatcctcat 420
cattattttg tggcaacaca ggatcagaat ttgtctgtga aagtaaaaaa gaagcctgga 480
gttctcttca tgtttattat tcagaacact atggtttttg acaaaccttc tcccaaaaca 540
attgcctttg taaaagcagt ggagtcaggt cagcttgtct cagtgcataa gaaagaaagt 600
atcaaacatc tcaaagagga acagggttta gtgaaaaaca ctgaacagag gtagaagaaa 660
aaagcgcaag aaaataagtg gtcccaatcc tcttagttgt ttgaagaaaa agaaaaaggc 720
accggacaca caatcatctg cttctgaaaa gaaaagaaaa agaaaaagaa ttcggaacag 780
atctaaccce aaagtacttt ctgagaagca gaatgcagaa ggagaatgaa tcttttgat 840
actttcaagg acattcaaat gtgaaaatga attttttaca actagaagta tttataataa 900
aagaccaaac ttatttttgt aaatg 925

```

```

<210> 5830
<211> 2129
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1983)...(1659)
<223> similar to gi2887314 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5830
tttttttttt ttagaaaaac atttattgta atcgatcaca ttcaagtcgt agttctgaaa 60
gcaaagtgaa aacacacagt acagctatgc ctcagtatcc atgggggatg ggttccagga 120
ctgcaacctc aacctcaga caccgacatc tgaggatgct caagtccttg atgggcaatg 180
gcatagcggt tgcacgtaac ctacgcacac cttcctgtat aatttaaata atctctagat 240
ttcttataat accaaaatac atataaatgc tatgtaaata tgctacacca tattgtttag 300
ggaataaatg caagaaaaaa aggtctgtac gtgttcagta ccaatgcaat ttcttttttc 360
aaatatttcc tatccaaggc tgggtggatt taaatgtgga gaccacagtt acggagagct 420
gactgtactg gggaaatctt tagggtagaa acatttttta gagatggttt atatcacccc 480
ccttcagaaa gagcaataca ggcatacctc attttactat gctttgtgaa tactgttttt 540
tttttttaaa ttgaaggttt gtagcagcct ggcatacaggc aagtctatctt ggcaccattt 600
tccaacagca tgtgctcact ttgcgtttct gtgtcagcat tttgaacagt aaatattttt 660
aaattaaggt ttgtatatct gttagacata atgctattgc acatttagtg gactgcaata 720
tgcagtaaac atgacttaga tgcactggga aactaaaaca atgcgcttcc ttgctttatt 780
gtgatgttgg ctttaccgag gtggtctgga actgaacca caatatctcc gagatatacc 840
tgtacttttt actaaaaata ttctatttga gaagtaaac tcaagaacta ccaggacttt 900
tcagatggga agagcgaggc cctggcaggg cgagtctagg tgtgcagcct agtggggggc 960
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atgggctgct ccaaggccct gagacccag gacctgcagg ggggtgggat ccagtcctgc 1140
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tcagcagacg cctccgaagc ctgcggcagg caggccttta ctcttactg gggggccagt 1320
cagagggctg tcatggcagg ccagtgcaca tgccaccaac acatgctgct tcatcagtaa 1380
tttctggaac atgacactgc acagcgggtg cctctccagc gggacattac tagtaataca 1440
ctgatgatgt ggagattccc cagggggcat ccgctgggct tctcccaact cccaagccac 1500
ctcttcagaa tcacagagtc atttaaaggg gccccccacc tccccggagg tgcggcctag 1560
tcatcatact ggatctcggc ccgcagctcc ttggtgacgt agttcaccag catggccagc 1620
agctgctgct gcagggcctc gctgcccatg accagcgcag tcagctgcac ggcgccgctc 1680
cactccaggt gcctgatgat ggctgcggct tcgttaaaga gcctctgttg ctgggcaggg 1740
ggcagctcca ttaggatctg aggaaccggc ttaaactgtc cacttgctcat ccaggcacct 1800
aacagcccc cgacagcccc cccaacggcg agtcccgtg ggccgcccac caaacccccg 1860
acgaaggcca tggccctctg gaccagggca ccttcccag agtgcttgac agccgccttc 1920
atcttctct cccagaaaag ggagcacagc agcttcatga tgcctccac catgatagtc 1980
atcgtggcgg gcttgtgtga cttcagcctc tccatgcctc agtttctcca tagggacaat 2040
gactacacta acagtgtcca ccccggcacc ggcagggcgg gctcccggca gggcggggac 2100
cctctcccc aaggactccc gggacgaaa 2129

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<210> 5831

<211> 901

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(592)

<223> similar to gil055186 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5831

ggatgtcctg	ctagcgctgc	gatggcggag	gccgagttgc	gtattgacga	gctgggtccgg	60
gagtacctgc	tcttccgcgg	gttcacgcac	acactgcggc	agctggacgc	cgagatcaag	120
gcggaacaagg	agaaggggtt	ccgggtggat	aagattgtgg	accagctgca	gcagttaatg	180
caggtgtatg	acttggctgc	ccttcgggat	tattggagct	acttggagcg	tcggctcttc	240
agccgcttgg	aggatatata	cagaccaca	atccacaagc	tgaaaaccag	cctgtttcga	300
ttttatcttg	tctacacaat	ccagacaaac	agaaatgaca	aggctcagga	gttctttgca	360
aagcaggcca	cggaaactcca	aaaccaggct	gagtgggaagg	attggtttgt	cctgcccttc	420
ctgccatccc	cggacaccaa	ccccaccttt	gctacctact	tttctcgaca	gtgggctgac	480
accttcattg	tgccctgca	caacttcctg	agcgtcctgt	ttcagtgcac	gccagtcctt	540
gtgatectga	actttgatgc	ggagtgtcag	aggactaacc	aggttcaaga	agaaaatgaa	600
gttctgcgtc	agaagctttt	tgcattgcaa	gctgaaatcc	accgactgaa	gaaagaggag	660
caacagccag	aagaggaaga	ggccttgggtc	caacacaaat	tgccctcctta	tgtctccaac	720
atggaccgcc	tgggggactc	ggaacttgcc	atggtgtgca	gccaaaggaa	tgccctccctc	780
tcccagtcac	ttcgtgtggg	cttctgtgcc	tcgctgctgc	ctcagagtaa	gaagagcccc	840
tcaaggttgt	cgcttgctaa	ggcccttctt	cacctcagag	ctcgggccag	aaagaagcct	900
c						901

<210> 5832

<211> 2463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (262)...(59)

<223> similar to gi2465334 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5832

cttccgaggc	gatcaggcag	catcagtcct	cagccgctaa	gccaagaagt	agtcagtcag	60
agagccttgg	gccagagttc	caggggctct	gggagtggtt	accaggtgag	ttgaacagtc	120
cgatttccag	tggagtctgg	atttgaaatt	ggtgagatgt	ttcttgggtt	ggtcggtatg	180
agtacatgag	gtcgtaggtg	gatctttctc	acggacaaa	gagcaggagg	acaggggatt	240
gatctccgaa	gggaggtccc	ccaatttgag	tctcggcacc	aaatttcacg	cacgtccatg	300
tgaagagacc	accaaacagg	ctttgtgtga	gcaacatggc	tgtttatttc	acctgggtgc	360
aggcaggctg	agtctgaaaa	gagagtcagc	gaagggagat	aagggtaggg	ccgttttata	420
ggatttggtt	aggtaaagga	aaattacagt	caaagggggt	taccogaagc	tcggcgcccg	480
tgatggtcta	gggggcttcc	gagggcatcg	ggcagtgcca	gtcttcagtc	gctaagccga	540
gaagatctgg	gaaggaattg	caactttttt	ttttattatt	gtacaccttg	aagggtaggt	600
taattaagtc	ctggtgtggg	gtttgagggg	aacaggccct	tgaaaagaag	gtaatgtgga	660
gcgggtagcc	tccgtattga	ttaagaaggg	gacgggctta	ccttccactg	tgagagttac	720
cggaaagctg	gcgtccgtga	tggtctacgg	ggcttccgag	gcgatcgggc	agcatcagtc	780
ttcagccgct	aagccgagaa	ggagtcagtc	agagagcctt	gggccagagt	tccagggact	840
ctggagtggc	tgccaggtga	gttgaacagt	ccaatttcca	gtgggggtccc	gcacagatgg	900
gacacggctt	aggaggaatc	ctgggctgca	tgcattcctt	ggcctggtag	tcagatttct	960
ggcacttgta	gcaagctcct	gggggagaag	gttctggagt	aacgcctggc	cgctgcgggtt	1020
caggcatttg	gaagttcttg	tgtgctggag	atgtggctgg	ggtttgtctc	acagtggagg	1080
ttacctaac	aaactcctgc	aaaaccacac	cacctatgcc	tgtgatgggg	actatttgaa	1140
tctacagtgc	cctcggcatt	ctacgataag	tgtccaatcg	gcattttatg	ggcaagatta	1200
ccaaatgtgt	agttccaga	agcctgcctc	ccagagggaa	gacagcttaa	cctgtgtggc	1260

agccaccacc	ttccagaagg	tgctggacga	atgccagaac	cagcgggcct	gccacctcct	1320
ggtcaatagc	cgtgtttttg	gacctgacct	ttgtccagga	agcagtaaat	acctcctggt	1380
ctcctttaaa	tgccaaccta	cttcagatga	attaaaaaac	aaaaccgtgt	gtgaagacca	1440
ggagctgaaa	ctgcaactgcc	atgaatccaa	gttccctcaac	atctactctg	cgacctacgg	1500
caggaggacc	caggaaaggg	acatctgctc	ctccaaggca	gagcggctcc	cccctttcga	1560
ttgcttgtct	tactcagctt	tgcaagtcc	atcccgaagg	tgctatggga	agcagagatg	1620
caaaatcctc	gtcaacaatc	accatttttg	aagccccctgt	ttgccaggcg	tgaaaaaata	1680
cctcactgtg	acctacgcat	gtgttcccaa	gaacatactc	acagcgattg	atccagccat	1740
tgctaatacta	aaaccttctt	tgaagcaaaa	agatggtgaa	tatggtataa	acttcgaccc	1800
aagcggatcg	aaggttctga	ggaaagatgg	aattcttgtt	agcaactctc	tggcagcctt	1860
tgcttacatt	agagccacc	cagagagagc	tgccctgctg	ttcgtgtcca	gtgtctgcat	1920
cggcctggcc	catcacactg	tgcgccctgg	tcatcagaga	gtcctgtgcc	aaggacttcc	1980
gcgacttgca	gcctggggag	ggagcagcct	ggtgccagga	agtgacaagg	tcgaggagga	2040
cagcgaggat	gaagaagagg	aggaggaccc	cctctgagtc	tgatttccca	ggggaaactgt	2100
cggggttctg	taggacttca	tatcctatat	acagttccat	agaagctgca	gagctcgcag	2160
aaaggattga	gcgcagggag	caaatcattc	aggaaatatg	gatgaacagt	ggtttggaca	2220
cctcgctccc	aagaacatg	ggccagttct	actgaaaacc	acatgcatct	tgatgcgatc	2280
gcactttctg	aagaaggaag	gatcccaaat	gccccctccag	ttctgggttca	cctgtacctt	2340
ctatgaagga	gaattcgta	tgctattcaa	cactcgtag	gccaggaagc	tattaaaggg	2400
atgtttcaag	ctgtttctag	cacattccaa	aataaatgag	gaggggaagag	tcaaaaaaaaa	2460
aaa						2463

<210> 5833

<211> 1403

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (27)...(1269)

<223> similar to gi4321845 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5833

gtttcgtctc	gaacttggtc	ggggcgcgga	tcccagagagg	gaaagtcata	acaaccgcac	60
gagggagttc	gactggcgaa	ctggaaggcc	acgcctcctc	ccgcctgccc	cctcagccct	120
gtggctgggg	gcagagctca	gactgtcttc	tgaagattga	tgtctatttc	cttgagctct	180
ttaattttgt	tgccaatttg	gataaacatg	gcacaaatcc	agcagggagg	tccagatgaa	240
aaagaaaaga	ctaccgcact	gaaagattta	ttatctagga	tagatttgga	tgaactaatg	300
aaaaaagatg	aaccgcctct	tgattttcct	gataccctgg	aaggatttga	atatgctttt	360
aatgaaaagg	gacagttaag	acacataaaa	actggggaac	catttgTTTT	taactaccgg	420
gaagatttac	acagatggaa	ccagaaaaga	tacgaggctc	taggagagat	catcacgaag	480
tatgtatatg	agctcctgga	aaaggattgt	aatttgaaaa	aagtatctat	tccagtagat	540
gccactgaga	gtgaaccaa	gagttttatc	tttatgagtg	aggatgcttt	gacaaatcca	600
cagaaactga	tggtttta	tcatggtagt	ggtgtgttca	gggcagggca	gtgggctaga	660
agacttatta	taaatgaaga	tctggacagt	ggcacacaga	taccgtttat	taaaagagct	720
gtggctgagg	gatatggagt	aatagtacta	aatcccaatg	aaaactatat	tgaagtagaa	780
aagccgaaga	tacacgtaca	gtcatcatct	gatagttcag	atgaaccagc	agaaaaacgg	840
gaaagaaaag	ataaagtttc	taaagaaaca	aagaagcgac	gtgatttcta	tgagaagtat	900
cgtaaccccc	aaagagaaaa	agaaatgatg	caattgtata	tcagagaaaa	tggttctcct	960

gaagaacatg	caatctatgt	ttgggatcat	ttcatagctc	aggetgctgc	tgagaatgtg	1020
tttttcgttg	ctcacagcta	tggaggactt	gcttttggtg	aactgatgat	tcaacgagaa	1080
gccgatgtaa	aaaataaggt	aactgctgtg	gcattgacag	actctgttca	caatgtgtgg	1140
catcaagaag	ctggcaaaac	gattcgagaa	tggatgagag	agaactgttg	taattgggtc	1200
tctagctcag	aaccattaga	cacatcagtg	gagtcacatgc	tacctgattg	cccccggtc	1260
tcagcaggca	ccgaccgtca	cgagctaact	tectggaaga	gctttccgtc	tattttcaaa	1320
ttctttaccg	aagcctcaga	ggccaagacc	agctccctga	agccggctgt	gacgcgccgc	1380
tcccaccgca	tcaagcacga	atg				1403

<210> 5834

<211> 1791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1534)...(479)

<223> similar to gi5139689 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5834

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gcagcgtcac	tggtaagaca	tgatggcgct	ccacgactga	ccagcagcgc	tgggaaggga	120
cacgcagaac	ccaccttcca	accagcccca	acacatcaca	gaaatgcctg	ctcgtttggt	180
ttgattcata	tacaaagtta	caaagtattt	cctgccccaa	attcttaacg	aaaatgaaag	240
aaaaacccta	aaatgcgggtg	gttttacaag	tattattagcc	cagaacatcc	tagggcagct	300
gcgcggggcg	cgggtgcggc	agggcgcagg	cgcaggcacc	gcagagcccc	ggccagcgcg	360
aaacggacgc	aggcgcattc	cccagccctc	cgtggcgctc	tcagcagcag	atcgcccagg	420
cctggcccgg	tcgggcttgg	tgttgcctcc	gaagtcgaga	cgacgggtgt	gctcagttat	480
cttccgcctt	tccgcactat	ggtgggcagg	cgacactgct	gcggggcagg	cttaagggtcc	540
cttccgcgga	tctgtcttct	tgctcgcagg	gatgcacttt	caggggtctca	gcaaccgcac	600
tcttccattt	gttccagatc	caagcacgga	ctggcagcgt	ggggcttgag	taggacgcaca	660
gtctgaccac	tccccgaaag	ctttagtttg	ggcgagttcc	atgacatagg	ccggtcctcg	720
tctcttgga	cggctcctct	cttgctttag	ggactgtttc	tctgttcttg	gaagtagggg	780
tgctgcaggg	cctggtgggc	ggcgattctc	tcacgggaa	tcatagccca	ccattgcgtg	840
caggaggag	aggcattgtg	gggacaaatt	ggttgttagt	agaggtattc	ctgatccctt	900
tttaaaagga	aaatcaaaat	tcatagtctc	cgactgtttg	aacttggtga	ggatcttctg	960
agcgggtgtg	ccgatgacat	cgtggatttt	tgagatttgg	tccagttcat	ttactccagg	1020
aaagaggggc	tcgagactgg	cgatctcgta	gaacacacag	ccggcgctcc	acaggtccat	1080
cttgtagctg	tagaaccat	cagtgaggag	acactccggg	gcccgggtacc	agcgggtgga	1140
gatgtattcc	gtgtacggct	gcttggaata	gacactccgg	caggagccaa	agtcccctaa	1200
tttcaggaca	tcctttatta	gtatattttc	tggttttaca	tctctgtgaa	atattccatt	1260
tctgtgaata	tgatccaggg	acttacataa	ctggtacata	tagtgcataa	tttttttttc	1320
tgataatggg	tatcttctcc	ctcgtattag	ctcataaata	ttcatgtcca	taagttcaca	1380
tattagtga	agagaaccag	atcttctgtc	actttcaaag	cgtgtcttca	tttgtttaca	1440
tgcatagtag	tttccatctc	tcaggctttg	catcttcata	acttcagaaa	acgttccctc	1500
tcctattttg	ccaattgctt	tatagttctt	catcttggat	gcggaagccg	gtgacaaccc	1560
cttgccgaca	ctggacggaa	aagaaagaag	caggaaggtt	gtccccctgc	tttccacttc	1620
cctgaggcgg	ggtcccgcac	taggatctcc	gtggtggtcc	ctcgaaggag	agcgtagtag	1680
atcccgcgcg	catgttgtgt	ccctgtcacc	ctagcaaccg	tcaggccctg	aacgccacgc	1740

aatcgtctct ccggccttcc gtggccgggc cctcacgcat gcaatctatg g

1791

<210> 5835
<211> 3143
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3144)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (704)...(3143)
<223> similar to gi5852425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5835

tttttttttt	ttgacgtagt	ttcgtctctg	ttgccccaggc	tgcagtacag	tggtgcgggc	60
tcggctcact	gcaacctctg	cctccagggg	tcaagccatt	cttctgcctc	agcctcccga	120
gtagctgaaa	tttacnnggt	actaccaccc	atgcccggtc	aattattttg	tatttttatt	180
agagatgggg	tttcaatcat	tttggccagg	ctgggtcttg	actcctgacc	tcaggtgatc	240
ctcggcctcc	caaagtgcag	ggattacaag	tatgagccac	tatgcctggc	caaccaacaa	300
tctttttaaa	agaatcggtt	tttttttttt	tctgagcagt	aggtctcaat	agtgggatta	360
aaatattcag	taaaccatgc	tattaacaga	tgtgctgtca	cccagacagt	gatgttccat	420
ttctagagca	cagaaagaat	agattttgca	taattcttaa	gggccctgag	attttcagag	480
tggtcaatga	gcaactggctg	taacttaaag	tcaccagctg	cagtgtcctc	caaagagagt	540
cagcccatcc	tttgaagttt	tgaagccaag	cgttgacttc	tctctagcta	tgaaaattct	600
gcatcttcac	taagcttaat	catttctagc	tctggactta	aagtgagaga	cttgcaagtc	660
ttcctttcat	ttgagttctt	tgaggccact	gtgggttacta	attagcacc	ctgggtgggtg	720
tcaccctcct	ccctcctcta	tcgagttcac	ctacaccggg	gcgtggggaa	aggcgcttcc	780
tgcacccac	atgccttgcg	ctcctggggc	tctcccacag	ggggctttcg	tgagccaggc	840
agcaagggcc	atccccctgc	tccagcccag	ccaggcagcg	caggcagaag	gactctccca	900
acctgcccgg	gcatgcgggg	ctttgtgttc	actgccctgg	ccccccgaa	actggggatc	960
tcccatectc	agactccctg	gtggcctccg	aaccccaaca	aatgacagga	agaccagaac	1020
ccgcagcgcg	atggcctgct	gggcgcgtgc	tcagtgggac	accttggggc	ccctcaagct	1080
gagtcacagg	ggaaaggtgt	gcttgcgcca	cccacgtccc	accggagtcc	gtggtggggc	1140
tgagcccgca	ggtcgccagg	gcggcatggg	aaccogaaga	cggggcacct	tcacctccgg	1200
agctcgtgac	cccggaggcc	tccgcgtcaa	gcacagatgc	cagccaaccg	ggcacctccc	1260
aaccgctcca	ggagccgggg	ctctcctctg	cactcacctc	cagcctgtta	gatgagctcc	1320
tgtcaacccc	agagtttcag	caaaaggcac	aacctttcct	agatccggcg	ccactggggg	1380
agctgaagga	cgtggaagag	cccgttttgc	tggaaacct	cctcagccag	gaagaacaca	1440
gggctctgct	ggaggagcag	gttggggcgg	gtttggggca	gggtggcggc	ctctctttcg	1500
cggatgaacct	caggcttggt	gtggagaggc	gtgtcttccc	ttccagctga	cctgcctagg	1560
atccctgagt	tccaggtcca	gcgagagact	ccacacagag	gagggtctgc	aacaatgaca	1620
agaaagcatt	cctgagcatc	ccggggatcc	cagggtctgt	cccaggtaca	gggaggtagg	1680
ctgtcctaac	tgcagtcgcg	ggtttcccag	cagcagccta	ggatttctaa	ctatcccagg	1740
cggagctctc	atcccttttt	ccccgcgtt	cttcagtcgg	gttggcggag	acctcagtc	1800
gcgaaacact	gggccagggc	agaagccagg	ccagttctcc	tttctgcggc	tcgactcctc	1860

cgctctctcg	ctcaccatca	tggtgccaac	ccgtgtcccg	ccagcctcct	cgccagcacc	1920
atagagcgcc	ttgcaactaa	ataaagaccc	cagacctcgc	gcaaaccagg	gtgctgcct	1980
ttccaggcaa	gaggggaagg	aggcagagat	gaggacagga	acggagacag	agtgagatgg	2040
aaggatggag	ctaggcaagg	atgggtggaa	ggagggaccc	cggaagggag	agaaagaggg	2100
agggagggag	aaagggagga	aaaagccagg	ggagggaggg	aagaacagat	ggaaggatgg	2160
accaagggac	aaaaggagca	agaagcagag	aacggaaggc	agagacaaaa	acggtcttat	2220
gcctccagaa	ccaacaggac	ccagaactcc	gggaaaatgt	tgggtgcccc	gtacaggctg	2280
agtgtctggc	ccacagcccc	gttgcccgcc	ggggcgctca	gcggccctct	ggatcaccag	2340
cctgggttac	ttcgtcccg	agcaattcag	accaattccg	tttccgaagg	aatgagcgaa	2400
ttccccagag	agcaatgagc	cgagacccag	gtagtgtct	gtttttcatc	cacatggttc	2460
acagatgaca	tatccccacg	ttgagccctg	caacagagct	cgaggcggat	agtcccatcc	2520
acacaggagt	cacactcagg	ccaactgaag	cgtgattctg	gattccacgt	ttctttgccc	2580
tctgtaaagg	tgctgttgcc	tcaagtttct	gcccccgaa	agcgtgacca	tggtgactgt	2640
ttcgcgagct	ctgtggggcc	ccagaaactt	ccaggaatgc	gtggaagacc	agcatcgtgt	2700
cggtgtcttc	ctttccagtt	ttcaaacagg	ctatatggga	gactccccat	tttgaggaa	2760
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cacacacggg	cgcacgcgcg	ggaacacaag	cacacacaca	gacacacaaa	gacacagaca	3060
acttgaagga	gagcaaggga	cagagggatg	agaaatagaa	acggaaggag	agaaacagcg	3120
atggagagag	agacagagag	gaa				3143

<210> 5836

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (234)...(486)

<223> similar to gi2145052 in the genepept database release 114;

Run with FASTXY 3.3t00, default parameters

<400> 5836

tggtgtgtga	gtgcgggggtg	gggtgggtggc	cgttacgttc	tgggcaacgg	ctacggcagt	60
ggagaagtaa	gaagagaaac	aacgtccggc	gcttccgcct	tcgttagga	ggaggaagag	120
ctggtagggg	aaggaaagt	cttcgccctg	ggcctggact	ggaccgagtc	gggttggtgg	180
gggtctgggc	tatgagcttt	tgagggtcgc	ctgggacgcg	gagcgagaca	cgagagccag	240
gagctatgtc	tcagccgcgc	gcgcgcgcgc	ctccgttgcc	gccgccacct	cctccccctg	300
aggctccaca	gactccgtcg	tccttggcgt	cggcggtgc	ttcggggggg	cttttgaagc	360
ggagagaccg	gagaatcctt	tccgggagct	gcccggatcc	gaagtgtcag	gcgcgtctat	420
ttttcccgcc	ctccggttct	gtcagcatcg	agtgtaccga	gtgcggccag	cggcacgagc	480
agcaacagct	gctgggggtt	gaggaggtga	ccgacccgga	cgtagtgcta	cacaacctgc	540
tgcggaacgc	gctgtctcgg	gttacggggg	cacccaagaa	gaacacggaa	ctggtaaagg	600
tgatgggcct	ttccaactat	cactgcaaat	tggtgtcgcc	catattagct	cgctatggaa	660
tggacaaaca	gacaggcccg	gccaaagctt	tccgggacat	gaaccagggc	gaactgttcg	720
attgcgcctt	actgggtgac	cgcgcttcc	tcatagaacc	agagcatgtt	aacactgtgg	780
gctatggcaa	ggaccgctcc	ggaagcctcc	tgtatttgca	tgacactctg	gaggacatta	840
agcggggccaa	taaaagccag	gac				863

<210> 5837
 <211> 1168
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1169)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (123)...(920)
 <223> similar to gi21627 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5837

at	tttttttt	ttcacttcag	actaaat	tttt	attaaat	atg	gtgtcatt	tg	gctaca	atcg	60
gt	ttgtct	ttt	ataaa	actaa	gtaact	tatt	ttgtag	taaa	aacaac	ccca	120
cc	ttttgg	agccct	tgaa	actcag	ttca	aagctag	ggcc	tggtccc	gg	ccatgg	180
tg	ctgcct	acctg	ctgag	cgctc	tagga	agcctccc	aa	atccc	aagt	tcagg	240
gg	agtc	catc	acctc	tgcc	caaac	agcca	agccc	agggg	ctttg	ggggcc	300
ag	ggcc	ctcc	agtag	ccaca	cctgt	gtcag	ggctg	tgccc	tgggg	cctgg	360
cc	ctccc	ctt	gaacc	atcag	gaact	gggca	agacg	cccac	cagag	gcttg	420
gc	gtgc	atcc	ccttc	tgagc	ctggg	agacc	ctagg	gggag	tg	ggctg	480
ct	gggtg	ggct	tgtgt	tctgg	atgtc	gctat	ggcact	tttg	tcctc	aactc	540
cc	ctacc	cag	gagtc	ctgag	cctcg	gcctt	ccctg	gactt	gttgg	gcaga	600
aa	ggac	agga	tgaga	aaacc	ggagg	ggcag	cccc	acaa	t	gaggg	660
tc	ccatt	gcc	acccc	accca	ggaac	agccc	ctcaa	ctggt	cacag	ccacc	720
ag	gact	gctc	ccacac	caca	gcagt	gccc	cttct	ccatc	ccacc	ctcag	780
gg	gtccc	tcca	ggcag	ccagg	ggcc	agctcc	aggac	agggc	aggag	aatgc	840
tg	gcac	gtaa	ctgag	gggtg	gtatg	ctcca	gaga	agtaa	gcaa	atggcc	900
cc	acct	gggg	tagac	ccagg	gtctc	caggg	aatgg	ctcgg	ggg	cagacgc	960
tg	tcag	gat	ctg	cccc	ccac	gagga	gggg	caggag	ggag	gcaaag	1020
ca	ggact	tgt	accct	ggctg	ccaag	caggg	tggg	gtgtt	tcat	gaggat	1080
ca	aaag	tcct	cagc	cttctg	cagac	ccagg	gcagc	ggcga	gttg	ctctac	1140
tt	acg	gaaat	cnccg	cgct	aatcc	aat					1168

<210> 5838
 <211> 1345
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(1346)
<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1287)...(295)

<223> similar to gil263289 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5838

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tgctcctgtc	ttcagacctc	tgctctggga	ttgggtccaa	ccctgtcctt	tcagcccatg	180
tggcgatcct	cagcatggag	ctccttgcca	ctgtcccca	aaggggtca	gtcgtccatc	240
ttcacgaaga	ctttgggccc	agaaaagatc	ttgatggcct	cctctacctg	caccagcttc	300
cgggtccagct	cagcacggtg	gctctggggc	tctcagttag	tctgccccag	caggcagcag	360
taccagctca	cgcagcagct	ggctctgggt	ctggagcagc	ttggtcagt	tttccagccg	420
ctggttctca	ggcatgcgcg	tgtggcctgg	gggcatggca	gggtccggct	ggctctgctt	480
gcgggcctcg	gcctcccgcc	gccacaggtc	cctgcgctcc	aacaagtaat	gtggcacatg	540
gcccttctgc	gtggcattgt	agtgtcctg	ggcctgcgcg	tgctgtctta	gcacttgtgc	600
caggacctgc	agtgagcagg	aatgcctccg	gggggtcttc	ttggcagctc	gtgcattgtg	660
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ctcccggtcg	cgctcctggt	ctctgaagcg	cttctgaatc	tccctgatcc	gcctcagggt	960
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gtagttgtca	ggacagagcg	tcgggtctgg	ggggatgggc	cccagatgc	gggacgggcc	1260
ctcgcacatg	ccgcgggcgc	cggccagcaa	cgggtgcctga	ctaanggtcc	tcaannctag	1320
tgtctacaaa	gggggccccg	cgcgg				1345

<210> 5839

<211> 3101

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3102)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (791)...(1423)

<223> similar to gi4886481 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5839

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agattcctta	tgaggcagaa	ataggtttcc	atcttttcca	tgctccagag	cttctctgat	180
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ttcttgggat	caagcaaaac	caggatcagg	tcaaatcgac	ttaagagtgg	gctgccgagg	300
gcaatgttca	cagacacgga	ctcctggggg	tcgtactggc	ctttgggggt	cgttgctgcc	360
aggatggtgg	tccttgtggt	cagcttgcac	acgaggtttg	ttctccgect	ttgtcctaata	420
ccacaccagc	aggtggagcc	gcagttaaag	tttccgagtc	cattccggga	gcgggagccc	480
atcttgctgg	ctgccgagcc	cctcgctgga	ggaggagggt	cagaactcgg	gtgcagccaa	540
tcgagggcaa	cgctgctact	tataagagca	gaatgggcng	gnnctcgtag	tttagtgaaa	600
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ctcaagtccg	cgctgcacga	cgtctggccg	gcgctggagc	gggggtctgc	gctctcccga	720
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tttctacaac	ccgttccagt	tcgagatcac	cttcgagtgc	atcgaggacc	tgtctgaaga	900
cttggaaatg	aaaattatct	atgtgggctc	tcgagaaagt	gaagaatacg	atcaagtttt	960
agactctggt	ttagtgggtc	ctgttcccgc	aggaaggcat	atgtttgtat	ttcaggctga	1020
tgacaccta	ccaggactca	ttccagatgc	agatgcagtt	aaggcgtaaa	ctggttgggc	1080
ctaattactt	ggtacctatc	cgaggacaag	aatttattaa	gaagttgggc	taattaatgt	1140
aaataatgaa	tatactggag	acagaattaa	ggggaaaatc	caccagtaaa	accagacttt	1200
ttcctaagct	tcaaaggaat	attttggcat	cctaattccc	agggtcacaa	gattccacat	1260
taattgggaa	gataacacag	aaaaactgga	agatgcagag	agcagtaatc	caaactctaca	1320
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agtcaaaaaca	caatgtgaag	aatttgttta	aaaacatcct	gtagaaagtt	tataagaaaa	1560
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gatgtcttgg	cctcccagac	agtctttgga	ccactatttt	actggccttt	gaaagaacaa	1800
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gctaccaaga	actttaggat	ccaattttcc	aagccaccgt	gaagcctctt	atggctacta	1980
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gctaattggt	aataaggctc	cctggctatg	gtttttgttc	ttataacaga	gtttagaata	2100
tcagagcatt	tcttgaatca	tacatcatta	ttgtccagtg	aattcaagac	caaatacaat	2160
atcgggagaa	aatacaaaact	ccctgtgttt	aagaataggg	gattataatg	gctcaaattg	2220
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tggcagtatt	tataataaaa	ccatggattt	agaaagggtat	atttagcttt	attataatag	2340
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cccatccatt	cctaaaaaag	tgaatttgtg	aagcaaagtt	ttgcccagat	gttaaaacttt	2820
gaatttaata	taccagatta	ttaaaatatt	gtccattaac	tagttcatag	attttaaaag	2880
taaaatactt	ctgactgtta	aaactatata	aagaaaatct	catttgtcta	attgcaatta	2940
aaagaaaaat	gttaaaatat	taaaatgaaa	ataaaagcat	tactttccaa	caaagagctc	3000
agtggttaat	ataataggaa	caacatatgt	gcttattaga	aataaagcat	atacagccaa	3060
atcaccaaat	aaagccattt	actgctgagt	ttttatcgga	a		3101

<210> 5840
 <211> 2829
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (217)...(1550)
 <223> similar to gil707274 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5840
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 ccgacccagg caggggcccgg gcccggagcg gggccttggg gggccagccc gcgcggcgac 180
 gtctccgcgt ggcgtcacgg caccgactga cggccacca ccatggccgc agaccagcgc 240
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 tttcccagag atcctgttaa gattgtccgg gcccaagggc agtacatgta cgatgaacag 360
 ggggcagaat acatcgattg catcagcaat gtggcgacg ttgggcactg ccacctctc 420
 gtggtccaag cagcacatga gcagaaccag gtgctcaaca ccaacagccg gtacctgcat 480
 gacaacatcg tggactatgc gcagaggctg tcagagaccc tgccggagca gctctgtgtg 540
 ttctatttcc tgaattctgg gtcagaagcc aatgacctgg ccctgaggct ggctcgccac 600
 tacacgggac accaggacgt ggtggtatta gatcatgctg atcacggcca cctgagctcc 660
 ctgattgaca tcagtcccta caagtccgc aacctggatg gccagaagga gtgggtccac 720
 gtggcacctc tcccagacac ctaccggggc ccctaccggg aggaccacc caacccatgt 780
 ggaggatgga ctggaaaagg cattcagtta gaaacgtgtg gtccaaggaa gaaacaggca 840
 aatctgcagg aggcagattg cagccttctt cgctgagtct ctgccagtg tgggagggca 900
 gatcattccc cctgctggtt acttctccca agtggcagag cacatccgca aggccggagg 960
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 cttccagctc cagggaaaag acttcgtccc tgacatcgtc accatgggca agtccattgg 1080
 caacggccac cctgttgctt gcgtggccgc aaccagcct gtggcgaggg catttgaagc 1140
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 ggccgtcctg aatgtcttgg agaaggagca gctccaggat catgccacca gtgtaggcag 1260
 cttcctgatg cagctcctcg ggcagcaaaa aatcaaacat cccatcgctg gggatgtcag 1320
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 tgcacggcag gtggtggcaa agctggatgc cattctgact gacatggaag agaaggtgag 1560
 aagttgtgaa acgctgaggc tccagcccta agccagccct gctctgcta agtgactacc 1620
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 tgcacacca ttaaaaatag tacattttac agtgtcccag tcatactttt aattggcaaa 1980
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tgagccatga	ttgtgttacc	gcaccccagc	ctggacaaca	aagcaagact	ctgtctcaaa	2820
gcaaaaaaa						2829

<210> 5841

<211> 2320

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (337)...(1978)

<223> similar to gi915208 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5841

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tctcggcggt	gttcaacgcc	ctcctgggtg	cgggtgctgg	agcggctctg	tgggaagcatg	180
tgcggtgctg	tgagcatgca	gccacactgg	aggaggagct	ggccctcagc	cgacaggcca	240
cagagccagc	cccagcactg	aggatcgact	acccgaaggc	actgcagatc	ctgatggagg	300
gcggcacaca	catggtgtgc	acggggccgc	cgcacacaga	ccgcatctgc	cgcttcaagt	360
ggctctgcta	ctccaacgag	gctgaggagt	tcatcttctt	ccatggcaac	acctctgtca	420
tgctgcccac	cctgggctcc	cggcgcttcc	agccagccct	gctcgacctc	tccaccgtgg	480
aggaccacaa	cactcagtac	ttcaacttcg	tggagctgcc	tgtgtgtgcc	ctgcgcttca	540
tgcccaagcc	ggtgttcgtg	ccagacgtgg	ccctcatcgc	caaccgcttc	aaccccgaca	600
acctcatgca	cgtctttcat	gacgacctgc	tgccactctt	ctacaccttg	cggcagtttc	660
ccggcctggc	ccacgaggca	cggctcttct	tcatggaggg	ctggggcgag	ggtgcacact	720
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accagtatgg	ctttgtgcag	ccccagggcc	cgaaggccaa	catcctcgtc	tcaggcaatg	900
agatccggca	gtttgcacgg	ttcatgacag	aaaagctgaa	cgtgagccac	acaggagtcc	960
ccctaggcga	ggagtacatt	ctggctcttta	gccgaaccca	gaacagactc	attctgaatg	1020
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agctcttccc	atatgtgtgc	aatcccgacc	actacactcc	ctataagacg	ctggccatgc	1260
tgcttggcat	ggacctccag	tatgtagcct	ggcggaacat	gatgccagag	aacacagtca	1320
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cccgtatcct	gcaaagccgt	gaggtccac	ggcatctctg	ttgccggaac	cccagtggtg	1440
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gcgtggtgaa	gggcccggcca	ggaccacgga	agcagaagtg	gacagtcggc	ctatatccag	1560
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accacacctt	cactgagaac	atcaagccct	tcaccaccta	cctggtgtgg	gtccgctgca	1800
tcttcaacaa	gatectcctg	ggacctttg	cagatgtgct	ggtgtgcaac	acgtagcgag	1860
caggccacag	cctggcctcg	ggaagggtgg	tcctgcagtt	cagcgtccct	gggcccatta	1920
atcccactgt	ggagacttct	gggaactatt	tattgagcag	gcctgtgcct	ccacatcatc	1980
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attgggtggt	tcactctgct	ccatcccagt	gaaatttacc	tgtagcccag	tgaaggggtg	2280
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<210> 5842

<211> 4331

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4133)...(2522)

<223> similar to gil663704 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5842

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acccccgaag	agtaaggagg	ggaatgtaga	aattaagaag	ttatgtggaa	tactctttaa	180
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aaattacata	agaaattggt	aatagattac	ctctggagaa	tagtactggg	gtaagagggtg	480
agggggcaga	attctcattt	tacagcctta	tatactgttg	tgaatttttt	tttttaccat	540
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ctgctgaaag	tttgaaaaac	atatataagg	gtgccaaaaa	taccactaaa	atcacataaa	900
ccaatcttac	cattattaat	ggtgtgattt	ctttcttttac	atatctatta	atacctagta	960
ctatctatgt	agaaaatgtg	tttgcaaagc	tgagatcaca	ctgtacctat	agctctggat	1020
cctgctgctt	tttcccccaa	cacttaacag	atgctcagta	aacatgttaa	accaagttgt	1080
taattagtag	tgtaccattt	ctcctcatca	aaaattactt	ctatagaagg	catttagttg	1140
gtttccagtt	cttgagtaaa	ataaataaca	cttaatgagt	atgtctttac	ctaaacattg	1200
tctgcattta	tgatttagaa	gaagctactg	gatcaaacgg	tatgaaatat	tttaagtttc	1260
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aaaactaaga	tcattccaat	ttaggggaaa	gtttttttat	tcagtgttta	agattaaaaa	2040
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agcgcgcacg	cccgtcagcg	gcacccggag	acgcgcgcga	gcgcgcgcga	gaacacctca	4260
cgtcacagtc	gcaacccgtc	ggtgtccgtg	ccccaggacc	ttctctcggt	ggcgagtcga	4320
tggtcggcgc	a					4331

<210> 5843

<211> 2077

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (48)...(2079)
 <223> similar to gi35483 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5843
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 cgctgaggca gaagaacgtg cacgagggtga aggaccacaa attcatcgcg cgcttcttca 180
 agcagcccac cttctgcagc cactgcaccg acttcatctg ggggtttggg aaacaaggct 240
 tccagtgcc agtttgctgt tttgtggtcc acaagatggg gccatgaatt tgttactttt 300
 tcttgtccgg ggtgcggata aggggacccg acacttgatg accccaggag gcaagccaca 360
 aggttccaaa atccacactt tacggaagcc ccaccttctt gcgatcactt gtgggttcac 420
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 agcaatgcgt tcatcaatgt cccagcctc tgcggaatgg ttcacactga gaagaggggg 540
 cggatttacc taaaggctga ggttgctgat gaaaagctcc atgtcacagt acgagatgca 600
 aaaaatctaa tccctatgga tccaaacggg ctttcagatc cttatgtgaa gctgaaactt 660
 attcctgac ccaaggaatg aaagcaagca aaaaaccaa accatccgct ccacactaaa 720
 tccgcagtgg aatgagtcct ttacattcaa attgaaacct tcagacaaag accgacgact 780
 gtctgtagaa atctgggact gggatcgaac aacaaggaat gacttcatgg gatccctttc 840
 ctttggagtt tccgagctga tgaagatgcc ggccagtggg tggtaacaag tgcttaacca 900
 agaagaaggt gcgtactaca acgtacccat tccggaaggg gacgaggaag gaaacatgga 960
 actcaggcag aaattcgaga aagccaaact tggccctgct ggcaacaaag tcatcagtc 1020
 ctctgaagac aggaacaac cttccaacaa ccttgaccga gtgaaactca cggacttcaa 1080
 tttcctcatg gtgttgggaa aggggagttt tggaaagggt atgcttgccg acaggaaggg 1140
 cacagaagaa ctgtatgcaa tcaaaatcct gaagaaggat gtggtgattc aggatgatga 1200
 cgtggagtgc accatggtag aaaagcgagt cttggccctg cttgacaaac ccccgttctt 1260
 gacgcagctg cactcctgct tccagacagt ggatcggctg tacttcgtca tggaatatgt 1320
 caacgggtgg gacctcatgt accacattca gcaagtagga aaatttaagg aaccacaagc 1380
 agtattctat gcggcagaga tttccatcgg attgttcttt cttcataaaa gaggaatcat 1440
 ttatagggat ctgaagttag ataacgtcat gttggattca gaaggacata tcaaaattgc 1500
 tgactttggg atgtgcaagg aacacatgat ggatggagtc acgaccagga cttctgtgg 1560
 gactccagat tatatcgccc cagagataat cgcttatcag ccgtatggaa aatctgtgga 1620
 ctggtgggccc tatggcgctc tgttgatga aatgcttgcc gggcagcctc catttgatgg 1680
 tgaagatgaa gacgagctat ttcagtctat catggagcac aacgtttcct atccaaaatc 1740
 cttgtccaag gaggtggtt ctatctgcaa aggactgatg accaaacacc cagccaagcg 1800
 gctgggctgt gggcctgagg gggagagggg cgtgagagag catgccttct tccggaggat 1860
 cgactgggaa aaactggaga acagggagat ccagccacca ttcaagccca aagtgtgtgg 1920
 caaaggagca gagaactttg acaagttctt cacacgagga cagcccgctt taacaccacc 1980
 tgatcagctg gttattgcta acatagacca gtctgatttt gaagggttct cgtatgtcaa 2040
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<210> 5844
 <211> 2268
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(2269)
 <223> n = a,t,c or g

<220>

<221> misc_feature

<222> (116)...(1880)

<223> similar to gi4877951 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5844

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atcatgtgtc	tctagccagc	ccagcagcaa	ccgggcccgc	ccccaggatg	agctgggggg	180
caggggcagc	agcagcagcg	aaagccagaa	gccctgtgag	gccctgcggg	gcctctcatc	240
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tgctgtggac	ctcggttg	cgcgggaccg	gccccctggag	gccgatggcc	aagagggtccc	360
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agagcgggtcc	caggggtgggc	tggcagccgg	tggcagcctg	gacatgaacg	gacgctgcat	480
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gcggccgaca	gtggagtctc	accacgtctc	catcacgggt	atgcaggact	gtgtgcagct	600
gaatcagtat	accctgaagg	atgaaattgg	aaagggctcc	tatggtgtcg	tcaagttggc	660
ctacaatgaa	aatgacaata	cctactatgc	aatgaagggtg	ctgtccaaaa	agaagctgat	720
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aagctggacc	acccaatgt	ggtcnaagct	ggtggagggtc	ctgggatgac	cccaatgagg	900
accatctgta	catggtgttc	cgaactggtc	aaaccaaggc	ccgtgatgga	agtgccacc	960
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gagtacttac	actaccagaa	gatcatccac	ccgtgacatc	aaaccttcca	acctcctggt	1080
cggagaagat	gggcacatca	agatcgctga	ctttggtgtg	agcaatgaat	tcaagggcag	1140
tgacgcgtc	ctctccaaca	ccgtgggcac	gcccgccttc	atggctcccg	agtcgctctc	1200
tgagaccgc	aagatattct	ctgggaaggc	cttggatggt	tgggccatgg	gtgtgacact	1260
atactgcttt	gtctttggct	agtgcctatt	catggacgag	cggatcatgt	gtttacacag	1320
taagatcaag	agtcaggccc	tggaaatttc	agaccagccc	gacatagctg	aggacttgaa	1380
ggacctgatc	acccgtatgc	tggacaagaa	ccccgagtcg	aggatcgtgg	tgccggaaat	1440
caagctgcac	ccctgggtca	cgaggcatgg	ggcggagccg	ttgccgtcgg	aggatgagaa	1500
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gggagctcca	ggcagtcact	tctgtttctt	aaacatagct	ttactgaggt	acaattcaca	2040
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agccattacc	accatcaact	ttacgacatt	ttcatcagcc	caagaagaca	ccctacactc	2160
cttagctgtc	cccattcaac	tccccaccc	cagtaaccac	tcagaatagg	tatggatttg	2220
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<210> 5845
 <211> 2363
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2364)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2198)...(915)
 <223> similar to gi35435 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5845

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tgaaatagat	ttcctttaaa	aaataaaaaa	aaaagaagt	aacaatataa	gcataattact	120
tagaaacatg	gaggtatata	cctgaaaaac	tcaagagttg	aaagtggta	cctctgggga	180
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tctattctcc	cccttcttaa	caaagtatgg	caggaaaaaa	aaaaaatcac	ggtttcaatg	480
gacactttta	ttgtttactt	aatggatcat	caattttgtc	tcactaccta	caaattggaat	540
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cggtgattcg	gtcaacgagg	gagccgactg	ccgacgtgcg	ctccggaggc	ttgcagaatg	2280
cggaaacaccg	cgcgggccct	cgtgccaaagc	ttggcggtgc	natgtcagan	ggctatcaat	2340
nagggtttca	attggggacg	tcc				2363

<210> 5846

<211> 3182

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1123)...(2418)

<223> similar to gi5305335 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5846

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ggtgccactc	ccctgagaaa	agactgagcc	aggaactaca	agctcccccc	acattcctcc	180
cagcctccct	cactctccat	gctggcagag	caggagggag	actgaagtaa	gagatggcag	240
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cagagtcat	gtggggagga	acagagggtc	gaaggagag	ggggctgact	gttccattct	360
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gaacctata	gctatagaac	ttgggggcta	tctcctatgc	ccctggacag	gacagttggc	1080
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aagctgggcc	ttcatggaca	catggaacta	agcctcccaa	atgggagttc	tggctgagcc	1680
cagggtgggg	agatcctggg	aaggagggca	ctggagggaag	acggcacctc	ttcccccatg	1740
gcagggtgtg	agggaggcag	gtttggaatg	gtgcgagtat	ggcaatctaa	gcaggggtct	1800
ggtctctttg	actccaggct	ggcctttggc	cgactgtctg	ctcaccacaga	gaccttggac	1860
tccggactat	ccatggctcc	gaatctaagt	gctgccactc	cccatgctca	caccacacaga	1920
aggtcttccc	atcccttcta	gattcgtgcc	tactccacc	agtgaggaag	atgcctctgt	1980
cttccccacg	actgccagga	gatagggaag	cccagccagg	actgaccctc	cttctccag	2040

cctgcacctga	cccacctggc	aaagcagggc	acatggggag	gaagagactg	gaacctttct	2100
ttgacagcca	ggcctagaca	gacaggcctg	gggacactgg	ccccatgagg	ggaggaaggc	2160
aggcgacga	ggtccagggg	ggcccttttc	tgatcatgcc	ccttctctcc	caccccatct	2220
ccccaccacc	acctctgtgg	cctccatggt	acccccacag	ggctggcctc	ccctagaggg	2280
tgggcctcaa	ccacctgctc	ccgccacgca	ccggttagtg	agacagggct	gccacggcaa	2340
ccgccaagcc	ccctcaagg	tgggacagta	ccccggaccc	atccactcac	tctgagagg	2400
gctccggccc	agaatgggaa	cctcagagaa	gagctctaag	gagaagaaac	cccatagcgt	2460
cagagaggat	atgtctggct	tccaagagaa	aggaggctcc	gttttgcaaa	gtggaggagg	2520
gacgagggac	aggggtttca	ccagccagca	acctgggcct	tgtactgtct	gtgtttttaa	2580
aaccactaaa	gtgcaagaat	tacattgcac	tgtttctcca	ctttttatct	tctcttaggc	2640
ttttgtttct	atttcaaaaa	tactttcttg	gttttctaata	ggagtatata	gttttagtcat	2700
ttcacagact	ctggcctcct	ctcctgaaat	ccttttggat	ggggaaaggg	aagggtgggga	2760
gggtccgagg	ggaagggggc	cccagcttcc	ctgtgcccgc	tcacccact	ccaccagtcc	2820
ccggtcgcca	gccggaggtc	cctctctacc	gccactgtca	caccgtagcc	cacatggata	2880
gcacagttgt	cagacaagat	tccttcagat	tccgagttgc	ctaccggttg	ttttcgttgt	2940
tgtgtgtgtt	gtttttcttt	ttcttttttt	ttttgaaaac	agcaataccc	acagtacata	3000
ttactgtagt	tctctatagt	ttaacatata	ttcataccat	aactctgttc	tctcctcttt	3060
tttgttttca	actttaaaaa	caaaaataaa	cgatgataat	ctttactggg	gaaaaggatg	3120
gaaaaataaa	tcaacaaatg	caaccagttt	gtgagaaaaa	aaaaaaaaacc	ccaaaaaaaaa	3180
aa						3182

<210> 5847

<211> 869

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (776)...(29)

<223> similar to gi5824504 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5847

tggttcaagc	tgaggccgag	tggggacgac	gtggagctga	ttggagaaga	ggaagatgtg	60
agtgtttacg	acattgctga	ccaccctgac	tttaggttcc	gtacaactga	catcgtcatc	120
cgcacccgga	atactgagga	tggggctcct	cacaaggagg	atgagccatc	ggtggggccag	180
gtggcccgtg	tggacgtcag	cagcaagggtg	gaggtggtgt	gggctgacaa	ctcaaagacc	240
atcatcctgc	cccagcactt	gtacaacata	gagctctgaa	ttgaggagtc	agactacgat	300
tcggtagaag	gcagcaccag	cggggcatcc	tcggatgaat	gggaagatga	tagtgacagc	360
tgggagacgg	acaatgggct	ggtggaggac	gagcacccca	agatagagga	gccccccatc	420
ccacccttgg	agcagccggt	ggcccttgag	gacaagggag	tggtgatcag	tgaagaggca	480
gccacagctg	ccgtccaggg	ggctgtggcc	atggctgccc	ccatggccgg	gctgatggag	540
aaggctggca	aggacggggc	acccaagagc	ttccgggagt	tgaagagggc	catcaagatc	600
ctggagagcc	tcaagaacat	gactgtggag	cagctgctga	cgggctcgcc	cacctctccg	660
actgtggagc	ctgagaagcc	aactcgggag	aagaagtttc	tggatgacat	caagaagcta	720
caggaaaacc	tcaagaagac	cctggacaat	gtggccattg	tagaggagga	gaagatggaa	780
gcagtggccc	acgtagagcg	caaggaggac	aagcccaggg	ggcagtcacc	tgtgaaggct	840
gagtggccca	gcgaaacccc	ggtgctgtg				869

<210> 5848
 <211> 1766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1708)...(1264)
 <223> similar to gi31973 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5848

ttcagtc	caa	tccagt	gatc	agagct	gcat	ttatccc	gcc	taagaaa	aatt	catttc	ttttt	60
atgttg	tcaa	ttatag	ttag	gtcggc	atgt	tagttgc	atc	agttgt	ttttt	ttttt	tttta	120
aaaaaaaa	aac	aatcct	tttaa	taaaatt	tagt	ccatcta	aaaa	ctcccca	aatg	cctaagg	ttc	180
tagtcgt	gga	agggtt	tagct	gcagaatt	ccc	agttc	agaag	ccaac	ggagg	ctcagt	ccag	240
acaggg	atta	accgact	tgt	gctggt	tatct	agggt	gcttg	attgcc	gagt	tgagtt	tgt	300
ggaagg	gaaa	tggggc	ggcg	tcggggg	gcc	cgacagg	cct	ggctg	ccagt	cggctt	ccgc	360
gaaaac	gact	cttgct	gtcc	acatag	ccag	ccgtga	agcc	aaactg	cagg	cctctg	ccct	420
cccctaa	atg	tcctc	ctagg	aggcagt	cac	tcggg	aggaa	gatgtg	cctg	ttacca	agt	480
cttcgt	cccc	g	ccccag	cgc	agacct	atga	aatg	aggga	gagct	gatgtg	aaag	540
gcctgg	gtcc	cggcc	gcaga	aggggc	gccca	gaccg	aaatc	ggcgat	cgcg	tctct	cccac	600
caaagc	ctcc	cggcc	agcgg	ccgcgt	tga	aagtc	cctgg	ctaag	cacca	cgcgc	ggggg	660
gtacc	agaca	ccccg	gctgc	agctg	ccag	ggcct	cactc	acctt	gcagg	gccgc	cgggc	720
tgctc	ggcg	ctggg	actgc	gcacg	ctcg	ccctg	cgctc	gagcg	aggaa	gaaaa	aggcc	780
aagatc	cttc	agaag	gtgct	gcggc	ctcc	cgcac	gccc	cttgag	gcga	ctcgg	gatgg	840
ggcgg	cttga	gtcac	gaacg	ccgag	ggcg	gcagg	gtgcg	gcgcg	ggcgc	gcctg	cccc	900
cggc	aggctc	gggtc	cttc	gcgcc	acgga	ggtc	accga	agagc	gcgc	aagcc	gcac	960
cgga	agggcc	gaacc	ctacc	ggagg	ggcg	acggc	ggaca	gggca	aggcc	ccgag	cccga	1020
cgcg	gcaggc	ggtgc	gggac	gggag	cggtg	gcggg	cgggg	actcg	agggc	cgggc	ggcga	1080
aggc	gggcga	ggggg	agggga	gggga	agggg	aagcc	gcggc	cccgt	ttgcc	ccggc	agttc	1140
gaagc	gggtc	agctc	tttcc	atga	agggc	gtggg	gcccc	tttaa	agggc	ctttg	tgtgtg	1200
gcatg	ggggag	gcctg	gcggc	cgggc	gcggc	ccggg	ccctc	ttagt	actcc	ttgcg	gaagc	1260
cttggt	tgcc	ctttc	ttcgc	cgcccc	gaag	ggcgc	cctcg	cccc	aacgg	ggcgt	agtc	1320
tatctt	gggc	agcag	cacgg	gcctg	gatg	gttgg	gcagg	gacgc	ccctc	cctgg	gcaat	1380
tcgtca	aggc	agccc	aggaa	gctttt	tagag	ctccct	cgtc	gttg	cggatt	ggcc	agcttg	1440
caggtg	gctg	gggat	gatt	cgcgt	tctct	tgttg	gtgct	gcggc	cgcat	tgccc	ggccg	1500
gctcc	aggag	tctca	gctgg	tgaggt	actc	catgc	actag	ccgca	aggt	agcag	catgg	1560
cctgc	ggcg	ccaac	gcgct	cggcgt	agt	gccct	tcgc	agcag	ccggt	gtac	acggc	1620
cactg	ggaac	tcgac	ggccg	gcgcg	cgacg	agcgc	gactt	ggcct	tggcg	cgggc	cttgc	1680
cgccag	tctt	gccgc	ggccc	gacat	gctag	cgagg	tagac	cgggt	gaagca	cgacg	gctca	1740
aacact	tagaa	cagac	gcccc	ccgcag								1766

<210> 5849
 <211> 1647
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (377)...(1255)
 <223> similar to gi190510 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5849

gcttcactga	agttctcctt	ggtcctgatt	cttggcctcc	tcccaccaga	acgtgagctc	60
cttgtgggag	gcagtgcctc	tcccagcctc	ctccctgtca	cagactgtgt	ggggggccacc	120
caggggctga	atggaccagg	gggtcagcag	ggagagtgt	aagtgggtggc	ggggggcctg	180
tggcagaggc	cttgtgacag	tgaggggtga	gggctgggtcc	agagagatga	tgtgatcccc	240
aggagaagcc	acaggggacc	atgacatggg	cgccaccagc	ttccaggtga	acgtggacct	300
atcgaaagcc	agcttcaggg	caggacactg	tcctttctgg	aggggatggc	cccacccac	360
agacaaggca	ggcccagaca	actctacccc	actgcctaga	agtgcgggtc	cccagagcca	420
gggtagacct	cctgagtcag	gagcccgggc	acagaactga	gcacctgcac	tgaggccca	480
gggcccgggt	ccctggagaa	ggagaaagac	tgaagccact	gcctacctcc	tgcccacaac	540
agactgcagg	cccatttggt	gacacaggac	aagcagcaca	tgtgtcgaac	actgccgagc	600
ccgcaggcac	gcctgcaccc	cacagccacg	agcctgtgag	gctcaggcat	gtgacctgca	660
ggagctggag	gcgggcgagg	aggcaggtgg	gggcctctcc	ctggctggag	cagggagctc	720
caggagacct	caggacggcc	cccaccgggt	gggtaaggac	cctgtttccc	aatttgcccc	780
caaggcctaa	tggaccaccc	gggcttaggg	agtcctcact	cagaggagag	gagcccaccc	840
ctcccaggac	acctggctga	gccggaacag	cagcgacagg	gagctgtgac	agcagagagc	900
agcaccaggt	cacacaagca	gccgccccgg	aaggacacgg	cccatgggtga	cagaggacaa	960
gcagcatgcg	tgtgtcagac	actggcctgg	cctgtggaca	cgcccgcgtc	ccacagccat	1020
gacctgcca	ggccaggaga	gactgctcca	gggcacatga	cctgtggtag	ctggaagtgg	1080
ggcagggagg	cgcagccaca	ctcctgctct	gggccgaggg	agatctcagg	aaaccgactg	1140
ggaaatcacc	ccccacaggg	acccccaccc	ctcccagcct	cactgcgccc	cgtcaggcca	1200
ggcagctgcc	ctcaggggtc	gccaaaggtg	gggtcaaggg	ccatgggggc	aggtagctct	1260
gcctgcaaag	cccacaagca	tgtcagatca	cctgggctgc	agacagacaa	acacctgagc	1320
tgttctgaat	accttcaggt	tcctggcctc	gctgagcaag	tgcaaaaatt	tttaccttca	1380
aggatcaggg	tttttctgtt	tgtttgtttt	taaacacaca	catatgtgaa	caaagagtat	1440
gcgtttgtac	tggcagaaga	agcgtctggg	aagacaacca	gcaagttaac	aatggtcacc	1500
tccagaaatg	ggctgggtaa	accaaagaat	ttttttgttt	ttgttttttt	tgagtcaggg	1560
tctagctctg	tcacccaggc	tggaaacgcac	tggtgtgatc	acggctcact	gcagccttga	1620
cctccctggc	tcaagcaate	ctcccag				1647

<210> 5850
 <211> 1544
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1108)...(209)
 <223> similar to gi2660716 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5850

```
tttttttttt ttcccttcca catttcgtat taaataacctg aaatatatta atcttaaaaa 60
acaatatcga tacagtactc aatggataga ggcagtggag tgaacaagaa gcccagattg 120
caaaatcgta ggtcataaaa aaactggagt gcgcgtgcgt caggttccag gcacgcgaga 180
aaaagcaacg cgaaagcttt cagtctcgga ggaggttttc gggcttgggg tagccgaaga 240
gaacaaagtc ggcctcgtag agttttataca gctgctgcct ccaggccagg gggatccttg 300
cgaaccagtc ctccctccag ctgctgggag gtccctgttcc cggtagctcg gggggaagcg 360
gagctgccag gtccacctgg agtagctgca gcagctgcgc ggcgtcctcg tccagagtct 420
ccagcttccc cacgaagtcg tagtcgatct ggcacgggtg gcagaggcgg tacacctgcc 480
gccagtgtct gttgaagggc gccagcttct ccgtgtgcgg gtccagcagg tactggatga 540
agttggcgaa ggacaccttg aggccagcgc ggaaggcctc gcgcgccgag gcgggcaggc 600
tgggtgtggt ggcgtacagc cgcagcatgg gcacggcgaa cttgcggtag aactcctcgt 660
tctccagctc gaacttgctg cggaaggcgg agatcaggcg cacgaagggg tcgcgcacga 720
agaggaactt ggtgtacttc ttgagcttga ccttcatgag gtggcgggag agcttcccgt 780
agcggcgcca gaacttggtt aaggtcaggt gcgcgtggc gttgtgcacg tgctcgcgcg 840
ggatgcgcag cgggtcgcgg tagggcgcac gcggtgcag caggcttccg ctcagcacga 900
tcatcacgcg ctccagttg gtgcaggcca cttggggcac gtagcagtag atggccccgt 960
gccggtcgtc cacgatcagg tggctcagct ccgagttggg gatgtcgtcg aatgggcgct 1020
ccttggtggg gaaggccagg ctggagttgg cgcagaagcc ccgcagcacg ctccctccgt 1080
ccgcctgctg ccggccctgg tctgggctgc gccgggctgc gcgcggggac cagtcgtagc 1140
ctctcacgct ctccctccatg ctccccggcg caggcggtcg ctccgtctcc tttctgggaa 1200
ggtcgctctg ctccacgcca gcactgagaa acttgctccag aaactcgtcg acatcgaggt 1260
cggcgtgag ctccctgtcc ctgtccggcc cggcggtggg cagcggcggc cccgtgtgcg 1320
gcttagagaa ggacgtgtgc aagtagaagt gcgcggcgcc tgcgtgtcc cagtacacga 1380
tgatcagcag gatcatgaac accgacccca gcaccagcca cagccggaac agccgggcct 1440
tggtcacccg gcccggggcg ggctggggcc tctcggggcc tctcacttca gcttcctgca 1500
gagccggggc atcctgctgg gaacctcgcg ccctcacct cgcg 1544
```

<210> 5851

<211> 1598

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1599)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (160)...(1117)

<223> similar to gi1334643 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5851

```
tgaagaaac agtgcagttt tgttgctcac agggaccctg cccacacac tggagagact 60
ttgaaggttg gggttctgcc cattccacct ggggaatatt ctgggcccag cctaaaaagt 120
tctgttgggg ccctaaggcc tggggcaggc tcttgggggc tgtggagccc gaggagccag 180
gcagagcggg gtccttgggg gccaaagcca tgcgtcggat gctgtcctgg tacttgcggc 240
```

ggccgagctc	caagactgcg	cgcacctctt	cagccacgtc	ctgccggtca	ctctgctcca	300
gggcctgcac	caggaagccc	cacagcccct	ggctgcccag	cctggcgctc	agcccaggag	360
aagagcatgt	gacggatctg	ctcatccaga	tcatcccga	actcgtgccg	gatgcgctgc	420
acctcccgtt	aggacacccc	caggtgcagg	gccacggctg	gccagtccag	acccagacgc	480
ccagccacac	tcagcaggtt	gctctgcgtc	agaaagccgg	tctcggcatc	tcccagattc	540
aaggggtcca	aggagaggcc	agccccccgc	cgtggcccct	cggaccctcg	aagtctcggc	600
agcttgatgg	gcagagtggc	catccacagg	gcgtctgcgc	ccttcctctg	ccgggcagcc	660
tcagcctcct	cgggcacccg	cacaggcacc	gcgccacggg	agaaggacac	ctccttcaca	720
ttcttcagg	gcgagtagaa	gacaaagcag	attctgccct	ccacacagtc	agggcggtca	780
gcatccacgt	cgatgccgcg	ctcgaaggcc	gcaaagaact	cttcgccctc	gaacatctcc	840
accgtgtcag	agggctcggg	gccccggtac	cgctccagca	gccgccgaag	ggtggcgctc	900
cccttgtttc	ggggcaggca	ctgcagcagg	acctgctcag	ggtcccggcg	ccgctgcaga	960
gcgatgaggt	tcacacggtg	cagccgcagc	cgctcccagg	ccttccgagc	caggcctccc	1020
acacagttct	tgggtggtga	ccagagccag	taccaggaga	agtgtgtgac	ctggaagcgt	1080
gcgtacaggt	gggtgagctc	caggaccacc	tgagctgtga	tgtcatccca	ggtggctgca	1140
ggagggggccc	agtacaacag	gtgcaggcgg	gagcgggtcca	gactgaggcc	tgtgatgcc	1200
gagggcagag	gcagctgcac	ggtgaccggt	tggaggaagc	tggggggacc	gctctgtgac	1260
aggcacagca	gggggctcac	tgcagcctct	ggttctccca	ggagggcctg	cagctctcgg	1320
ccagccatgc	gcaccacctg	catggagact	cgacgaggct	cctcagtggc	cccagggggg	1380
aagatgactt	tgaccccagg	atgacccgag	gagcacagca	gtgtcccctc	cgggtggcacc	1440
aggcaggcat	tggacacagg	gcgggaaacc	acaaggaacc	aggagaagtg	gggcacctgg	1500
cagtgaagccc	agagccgctg	gggtgcctct	tcctccaggt	aggtctccag	gtcacccccag	1560
ctgttgctga	agtcnccgc	gagggctatc	atctcagt			1598

<210> 5852

<211> 1040

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (820)...(40)

<223> similar to gi200549 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5852

ggaattcctg	tgctcatggc	ctgcatgacg	ctgctgcccc	cctgggtggg	aggcgctccc	60
ccaggccctc	ccggccccga	catctcctcg	ccctggggct	cctataacct	ccactcccag	120
ggcctggtca	cctttgccac	ccagctcttc	aacttgcctc	cgggtgaggg	ttacctggaa	180
tggctcccctc	tcttctatgg	cttctacccg	ccccgcccac	gcctggcggt	cacctacctg	240
tgctgggect	ttgcggttgg	cctcatctgc	ctcctgctca	tcttgcctcg	ctcgggtgtct	300
gggctgaagc	agacactgct	ggcggagtcc	gaggctctga	ccagctacag	ccaccggggtg	360
ttctcggcct	gggacttcgg	tctctgcggg	gacgtccacg	tgcggtgcgc	ccagcgcctc	420
atcttgtagc	aattaaaggt	ggagctggag	gagacagtgg	tgcgggcgcca	ggctgcgggtg	480
cggacgctgg	gccagcaagc	cagggtttgg	ttgggtgcggg	tgctgctcaa	cctgctgggtg	540
gtcgcgctcc	tgggggcagc	cttctatggc	gtctactggg	ctacgggggtg	caccgtggag	600
ctgcaggaga	tgccccttgt	ccaggagttg	ccactgctga	agcttgggggt	gaattacctt	660
ccgtccatct	tcctcgtctg	ggtcaatttt	gtgctgcgcg	ccgtgttcaa	gtcatttgct	720
ccactggagg	gctacactcg	gagtcgccag	atcgttttta	tcctgctcag	gttccagcct	780
cacggggatg	gctgggaatg	atgaagggtg	ggggcggtca	gagggatggt	ggcgctgaca	840

ggtaagacac	ggaaatcctg	ctgataccga	atccagggat	tcaaatcctg	actctgttgg	900
ccaggtgcag	tggtcacac	ctgtaatccc	agcacttttg	gaggccgagg	ctgaggtcag	960
gagttcgaga	ccagcctgac	aaacatgatg	aaaccccgtc	tgtagtataa	atacgaatat	1020
tagccccgcc	gtagtggctt					1040

<210> 5853
 <211> 1086
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (862)...(497)
 <223> similar to gil911774 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5853						
tttttttttt	ttcaattaaa	gatttgattt	attcaagtat	gtgaaaacat	tctacaatgg	60
aaactcttat	tagatgctgc	atgtactgtg	ctatggacca	cgcacataca	gccatgctgt	120
ttcagaagac	ttgaaatgcc	attgatagtt	taaaaactct	acacccgatg	gagaatcgag	180
gaagacaatt	taatgtttca	tctgaatcca	gaggtgcata	aaattaaatg	acagctccac	240
ttggcaaata	atagctgtta	cttgatggta	tccaagaaga	aatggttggg	gatggataaa	300
ttcagaaatg	cttccccaaa	ggtgggtggg	ttttaaaaag	tttcagggtca	caacccttgc	360
agaaaacact	gatgcccaac	acactgattc	gcggtccagg	aaacacgggt	cttccaagtt	420
ccaaggggct	ggggttcccc	aacgatcaag	ttcctgtgct	gtaatcaaga	gggtcctttg	480
gactggatag	ggagcacttg	ggagctgtac	accatcagtc	ataatggatg	gcagtgtaaa	540
agatgatcca	aatgaccatg	aacaaggcaa	aagaggtcat	aaacccttcc	ttcgtgagct	600
cccacgtgcc	accatattct	tcctcatcaa	tctgtaggta	attgctgaag	tagaggtaca	660
ggactcctgc	attgatcagg	cagaatcctg	ctattcccaa	gaaccctcgt	aatggcaaaa	720
ctccccaaat	gacacccagg	accacagcaa	tgatctgtcg	gaaccagtag	atcacatcta	780
aaaattcatc	cttatectcc	caggccgcgt	cgctccgcag	caccttactc	cagacggaga	840
ctttgagggc	cccgttggcc	agctgcggct	gaggcggttc	ctccttccgc	cgcccgcgcg	900
tcatectccc	gtcgcgcgcg	ccgggcccgg	cctggggcgc	gcgggctgag	ccaaagggta	960
gtcggggctc	agggtcgcag	gtcacggcgc	ggggcggtcg	caggctcagc	ggccccgtcc	1020
tgcgggcgct	gcggttcctc	acaacctggc	caagctaccc	ggttgccgcc	ggctctacag	1080
agcagg						1086

<210> 5854
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (667)...(663)
 <223> similar to gil345536 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 5854
ggaattcaag acgccaagat ggcgacgagt cagtatttcg acttcgcgca gggcggcggc 60
ccgcagtaca gcacctcctt ggaggacggg acttttgtct ggttattccc cgctgctgtg 120
acagcgccca tgacagcagc tggccccac tggcaccag gaagtattta tccaatgact 180
caatgaatct gccgcgggat cggccgggac tgcttttact ttctgtcagt ccagaagtgg 240
agaccactcc cccggccctt gcctctgggc ttccttgtgc cctgccttgg acagtgggt 300
gcagtggaag tgacgctgtg actgccctgt gccaagctt aagaggcctt gcctgcatct 360
gctccatctt atgggaccct gcctggtgaa ggacccaagg ctggcctgct ggaggaggag 420
atataaggag aagagtcaca gtgccccatc caacaggtag ctgccctcca ggggcagaga 480
agcccagcca tggtcaggag agccaccag ctgaggccca cctccaccag gattgccacc 540
cagctgaacc ccacctcagc caggagagcc acccagctga gccccatctg gccaggagag 600
ccatccagct gagccccacc tctgccagga ttgccacca gctgagcccc gccttggcca 660
ggagagccac ccagctgagc cccgccttgg ccagaaaaag g 701
```

<210> 5855

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (210)...(5)

<223> similar to gi3319905 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 5855
ggatattggc ccctcactgc agctgccaac acttggtcag tcactctcag ccatagcact 60
ttgttcaactg acctgtgtca cagcactgag ctccaccctt ttctgagagt tattacagcc 120
aaaaagtgtg ggctgaagat ggttggtttc atgttttctgt attatgtatc tttttgtatg 180
gtaaacacta tattctgtac ttaaccagat ctatttttac cccagatggg gatattcttt 240
gtaaaaaatg aacataaagc ttttttaatg gaagagcact acacaggggg cgccgatcta 300
gaggactcct tgctggaccc agttttacac gaggctgaga gctgttactg cctgccttat 360
atggagctga attattccct ggctggggat actgggtaag gaacctttat tctgcgtagt 420
aacaataa 427
```

<210> 5856

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (619)...(191)
 <223> similar to gil619936 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5856

actagagaga	aaaacgtatc	ataaatcctt	atgttgccca	ctttaacaat	tgccaacata	60
tgaccataac	aattaacaac	atatgactaa	tcttatttca	cctttaccta	cctccctcat	120
tagtttgaat	cagattgcag	ttattttatt	tgtaaatatt	tcagtattct	gatattcagt	180
tgatcttttt	tgtttatcct	tctgccaggg	ccatactatc	ttgattactg	gaggggtata	240
ttaagtatag	aaggcaggta	ggttaaattc	cccaattttt	ttctcagcta	ttcttggact	300
tttgcctaag	tcaaatttaa	aattcttctg	tcagtttcta	gaaagaagcc	ttctgggctt	360
ttgatttctt	tttcatttct	tgtgaaacaa	atatcagatg	ggcttttgat	tttgattgca	420
ttgaatctaa	aggtcaattc	tgggagaatt	gacatccttg	acaatagtct	tttgatccat	480
gaatgtggtg	tatctctccc	tttatttagg	tctttagggt	ctctcaatat	tttctagttt	540
tcagtataca	aatcctgcac	atctcttggt	acatagattt	ctaaatattt	catgcttttt	600
gctgctattg	tgaagttctt	aaaaagtaaa	tttttaattg	tttgttgata	gtatgtatgc	660
tttaagtagt	gaattatctt	tttagaaaat	taaaacatga	gagaaaaggc	cttggttttt	720
tatattatgt	taaaaatatt	agttttgttt	acacattctt	ctggtgtgct	ttattgtctg	780
tagaaatggt	accctgcagc	ctgggcaaaa	tagtgagaaa	ctatctctc		829

<210> 5857
 <211> 1344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (777)...(103)
 <223> similar to gi2648022 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5857

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cattccctcc	cctcccctcc	cctcccccca	ccatggaggt	caggccttgc	caggagcccc	120
tgcccttgct	gcctgggccc	gctggaactc	ctgctgcagc	tgagcaagg	tctccctctg	180
ttgctctgac	tgccgctcaa	gatcccgaag	ctgggattcg	tatcgcttac	taaggagaga	240
caagggagac	aagcagaaa	ggagaaatta	gtaggactca	ctatggagag	tgctaaacgc	300
aagaaagaga	taggtggaaa	acttgagatc	caggggaggg	agaagaaggg	gggttaaaag	360
ggaaggaaag	ggttggagga	actggaggac	taggggccac	tatggagagc	tgttctgcaa	420
tggttcaaca	cctctactcc	aatgggtcac	ttgcatcaca	gggtgcagca	cacgggtggtg	480
gaataaaaac	tcacatttca	gctgtgatat	agtccagcct	cttccctact	gtggcccgag	540
cctccccag	ctcctgtttg	actagcaccg	gaccagaag	tttaaagacc	acgttggacc	600
catccagcag	ggccagttcc	tgatggaggg	atgggacata	tgtgatcaga	accatggcta	660
gtacaggtcc	ctcctcgccc	cacaaatccc	agtccctcac	ctctttcacg	atattatttt	720
ctggttagttg	tgcttcaagt	ttctgcctcc	ccgacatgga	tttacttaag	tctggggatg	780
agaggaaagg	caatttagaa	acatcaaatg	tgccacctat	ccccacaatc	ctagtcaggt	840

ggatatggat	ctgaggaagc	agaaaaggg	gggggcagcg	ggtgagtga	caggaagag	900
tactgagact	gaggcgggga	agtctctgca	cgcgagggcc	cagatggggc	aacaaacctt	960
atctcggtaa	tggctttggg	ttgtaagtgc	attgggcgag	accataccga	ccctgttccc	1020
ttacccttct	gtagctgttg	atatttctcc	acttctccct	gtagcttctt	ctggatcagc	1080
tccgccatgg	cggggatgaa	agcctactgg	gtgcgagaca	agggcgctgg	gtctcactct	1140
ctggaaggta	cctgagctcc	cttttctgat	ctggcctgcg	gaaatgatag	cactcttgag	1200
aggtagccct	gaggggcacc	gcaacctccc	ccccgtcccg	gatatcgact	ccaccctgtc	1260
cccaggagat	ggtgggcgaa	acgcaagacc	ccaagcctct	caaccgaaat	cctaacctac	1320
tcacgttctt	ccttcagtag	taat				1344

<210> 5858

<211> 1522

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (162)...(760)

<223> similar to gi5824504 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5858

aaccccgccc	cattatattt	atcaccccc	cccttcagcg	gaatggggcc	cccgccccc	60
ccccacacac	agttattctc	taatttgtat	ataaatttca	cttttaagca	tttttttttt	120
ttttaagaaa	taataatata	ttttaatgca	agagaaatca	tagccctggg	acacacccct	180
tccccgatct	gtcctgcctg	gggatgtgtt	tatggtgagt	gtgtccccag	gactggtagt	240
cacctggctg	tccgggtccc	cgcctactg	gcggcagcat	gcctgtcccc	agcattacat	300
tcaactgctg	ctctggctct	cgagaggcgg	gctggcctcg	ggcctccggc	ttggcgttct	360
ttgtccccc	gtctccctgc	taaggccagc	agggccaaac	tgctaggcca	ggtcagccag	420
ggctggggga	atgggctgta	ccctgctcct	ccccaggcac	gactgtcccc	ccggggctcc	480
atcacccggg	ggggcggagc	gtctgctggg	gcagctctgt	gggccacagg	atccccccgc	540
accactgca	tctctctgcc	caggggtgct	gcctcatagg	atgccccgcg	ccacagagtc	600
tctctgcccc	gggcgcccgc	ctcacagctg	gtcctcgctc	accagatgg	tcttgcgctg	660
ctcctgcgg	atcttgctct	tgacaacggg	gagcagctcc	tctacgctgc	cccacatgtc	720
aggttccacc	gtggcgtaga	ggcacggcag	ggcctccagc	tccttctcct	tcagccggca	780
cacgcgcagg	aactcctcct	ccgtctcagg	tgggggcagc	agctttctga	acctcttgat	840
gttcttctca	cacacccgga	tgaagagcac	gatggggtag	atgttggaat	tgatcaagtc	900
tcttgtagcag	ccgatcccag	cctccagcag	gcagtgcctg	ttcttgccgg	ccacagcttc	960
aatgttggca	ggggcgatgc	attcgaacgc	gttgggggtc	ttctctcggg	agtagatgat	1020
ggtctccgct	ttctgccttc	tgaggaactc	atctcttggt	acgatatctg	acttgagat	1080
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agtcaagagc	ttggtggcgt	ccagcgagga	ccgggccagg	ctccctagcg	gactccccga	1320
gatgatgcgg	accgcctcgt	tgctgttcat	ccgcttatac	ttgttctcgg	acctgctgac	1380
gaactgaagg	agctggccaa	aaaggaagct	tgctcgcgag	agacgggggc	tgacccgggg	1440
gtcgttgtgt	gaaagcgctt	cttctggtct	caggggtgtt	cggagtgtcc	gcagggtgtg	1500
gtgggtgcgg	tctcctgcct	cc				1522

<210> 5859
 <211> 6155
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (97)...(6017)
 <223> similar to gi4808813 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5859
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 ctcaacttgt aacaaggacc tctgagttca gcagccatga gttcagactc agaattggct 120
 gtttttgggg aggctgctcc tttcctccga aagtctgaaa gggagcgc atgaggcccag 180
 aataggccct ttgatgccaa aacatctgtc tttgtggcgg agcccaaaga atcctttgtc 240
 aaagggacca tccagagcag agaaggagga aaagtgcagg tgaagactga gggaggagcg 300
 actctgacag tgaaggatga tcaggtcttc cccatgaacc ctcccaaata tgacaagatc 360
 gaggatatgg ccatgatgac tcatctgcat gagcctgctg tgctgtacaa cctcaaagaa 420
 cgttatgcag cctggatgat ctacacctat tcaggtctct tctgtgtcac tgtcaacccc 480
 tacaagtggc tgctgtgta taagcccgag gtggtgacag cctaccgagg caaaaagcgc 540
 caggaggccc cgccccacat cttctccatc tctgacaacg cctatcagtt catgtctgact 600
 gaccgagaga atcagtcatt cctgatcact ggagaatctg gtgcagggaa gactgtgaac 660
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 gaaattactt ctggcaaaat acaggggact ctggaagatc aaatcatcag tgccaacccc 780
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 aaccatgatg attaccattt tgcagtcata ggggagatca gtgtggccag catcgatgat 1080
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 aaggtctcca tttacaagct cacgggggct gtgatgcatt atgggaacct aaaatttaag 1200
 caaaagcagc gtgaggagca agcagagcca gatggcacag aagtgtctga caaggcggcc 1260
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 gagatttttg atttcaacag cctggagcag ctgtgcatac acttcaccaa tgagaaactg 1560
 caacagtttt tcaaccacca catgttcgtg ctggagcagg aggagtacaa gaaggaaggc 1620
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aatgtcaagc	actggccctg	gatgaaactc	ttcttcaaga	tcaagcctct	gttgaagagt	2640
gcagaaactg	agaaggagat	ggccaccatg	aaggaagaat	ttcagaaaat	ttaagacgaa	2700
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aaagagtttg	aatcagcaa	tctgcaaagc	aagattgaag	atgaacaggc	acttggcatt	3420
caattgcaga	agaaaattaa	agaattgcaa	gcccgcattg	aggagctgga	ggaggaaatc	3480
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catccagctt	gagttgaacc	aagttcaagt	ctgaggttga	taggaaaatt	gcctgaaaaa	4860
gatgaggaaa	ttgaccagat	gaagagaaac	cacagttaga	atcgtgggag	tccatgccag	4920
agcaccgcct	ggaatgcctg	agatcaggag	taggaatgat	gccattaagc	tccaagaaag	4980
aagattggaa	gggagacctc	aatgaaatgg	aaattccagc	ttgaaccatg	cccaaccgca	5040
tggttgctt	gaggccccctg	aaggaactac	aaggaacacc	ccaaggcatc	cctcaaggat	5100
acccagatt	ccaccctgga	ttgattgtct	tccgggagcc	aaggaggagc	cttgaaagga	5160
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cggggccact	ctggaacaga	caagagagga	gcagaaaaat	tgcgagaaca	aggaagctcc	5280
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gcttgagcca	gcctggccct	tgaagggttg	gaaagaagca	gatcccagaa	acttggaggc	5640
ccagggtacg	ggaagcttgg	aaggaagaag	gtttgagaat	tgagccaaaa	gcgttaatgc	5700
ttaaggcttg	tccaaaggctc	ttgcgccaac	attgagaggc	cgagttgaag	gaactcactt	5760

taccagaccg	gaaggaagat	agaaagaata	ttctcaggct	tcaagatttg	gtagataaac	5820
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ccaatctagc	taaattccgc	aagctccagc	atgagctgga	ggaggccgag	gaacgggctg	5940
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tcataagtga	agagtgatca	tgtcctgatg	ccatggaatg	actgaagaca	ggcacaaaat	6060
gtgacatctt	tgggtcatttc	cctctgtaat	tattgtgtat	tctaccctgt	tgcaaaggaa	6120
ataaagcata	gggtagtttg	caaacaaaaa	aaaaa			6155

<210> 5860
 <211> 1447
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1448)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (498)...(887)
 <223> similar to gi219671 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5860						
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gatatgcctg	cctcagcctc	ccaaagtget	gggattacag	gcgtgagtac	tccgtgcccc	120
gtcaattttt	gtattttttag	tagagacggg	gtttccaccat	gttggtcagg	ctgggtctcaa	180
acttctgacc	tcattgatctg	cccacctcgg	cctcccaaaag	tgctgggatt	gcaggcgtaa	240
cacnccgcgc	ccaagctaat	ttttaaaaaat	attttataga	gacagggtctc	actatgttgc	300
ccaggctcgt	cttgaacccc	tgggcccagg	cgctcctccc	accttgacct	cccaaagttc	360
tggaattaca	catgtgagcc	aacacaccag	gcccagactg	ggtaatttat	aaagaaat	420
acttctgccc	acaccggccc	gcctccccgc	ggcgagtggc	tgaggcgtag	cgctgccatc	480
cccgcacccc	tgggaacatg	gcgtgcgag	tgggtgcggag	cgtgcggggc	gtgctctgca	540
gctgcacgt	ggtcctggca	cctgcgcgc	cctgcctatc	gaggccctgg	cagcttgga	600
tgggcgcgt	ctgggtactg	taatctgcct	gaagttggga	caaaattgaa	caaacaagat	660
gagtttggtg	ctttggagag	tgtgaaagct	gctagtgaac	tctattctcc	tttatcagga	720
gaagtaaccg	aaattaatga	agctcttgca	gaaaatccag	gacttgtaaa	caaactctcg	780
tatgaagatg	gttggtgat	caagatgaca	ctgagtaacc	cttcataact	agatgaactt	840
atgagtgaag	aagcatatga	gaaatacata	aaatctattg	aggagtgaag	atggaaccac	900
taaataagct	agtatgaaat	aacgcaaccc	agcagagttg	tcctaaatta	gtggtggata	960
gaagacttag	aatagcaact	tttagcatta	cccatgggaa	aaaaaaaacta	ctgttaacac	1020
tgctaataaa	agaagatgcc	ttttaacttt	ctaattgattg	tagataaaca	taatattgtg	1080
ctttttcaca	acatcctatg	attttttagac	taggctctag	tattcatgaa	attatccatg	1140
aaattatcca	tggtaaaaaat	tagttacaaa	aattacataa	ttcaaagata	atgttggttat	1200
tcttaagcct	tatataatat	tgttaactgt	gtatgtccat	acctggattt	gggatgaaat	1260
acttaatgat	ctttccattg	gaaataactg	ggagtgaaga	agtttttgg	gcttgtagac	1320
tgtagatga	agaacaacac	tatcttaatt	ttgcaataca	ctgcatttgc	tgggtgctgt	1380
tttatatagt	gaagcaacag	ctgtacagca	aaataataaa	atactcactt	cttcgttaaa	1440
aaaaaaa						1447

<210> 5861
 <211> 1498
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (245)...(1285)
 <223> similar to gil088448 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5861

tttcgtcaca	taggcacaca	gagatacgcg	cacacacaca	cacaaacgca	ctcagatttc	60
ccggaccctg	gttttctctc	tgtgaccctt	tgggggcggg	gctctcacc	ttaaagaagca	120
gccccgcctt	ggggtggccc	cacctctctt	tgggacctgt	cataagtcgg	accccgggcg	180
cccggctgcg	cagtcaccag	cgccttcccc	aggcagtgga	accttcgggc	tcctgagctt	240
caggatgggt	cgtactaaga	catggaccct	gaagaagcac	tttggtggct	atcctactaa	300
tagtgacttt	gagttgaaga	catctgagct	cccaccctta	aaaaatggag	aggtcctgct	360
tgaagctttg	ttcctcaccg	tggatcccta	catgagagtg	gcagccaaaa	gattgaagga	420
aggtgataca	atgatggggc	agcaagtggc	caaagttgtg	gaaagtaaaa	atgtagccct	480
accaaaagga	actattgtac	tggcttctcc	aggctggaca	acgcactcca	tttctgatgg	540
gaaagatctg	gaaaagctgc	tgacagagtg	gccagacaca	ataccactgt	ctttggctct	600
ggggacagtt	ggcatgccag	gcctgactgc	ctactttggc	ctacttgaaa	tctgtgggtg	660
gaaggggtga	gaaacagtga	tggttaatgc	agcagctgga	gctgtgggct	cagtcgtggg	720
gcagattgca	aagctcaagg	gctgcaaagt	tgttgagaga	gtagggctct	atgaaaaggt	780
tgcctacctt	caaaagcttg	gatttgatgt	cgtctttaac	tacaagacgg	tagagtcttt	840
ggaagaaacc	ttgaagaaag	cgtctcctga	tggttatgat	tgttattttg	ataatgtagg	900
tggagagttt	tcaaacactg	ttatcggcca	gatgaagaaa	tttggaagga	ttgccatatg	960
tggagccatc	tctacatata	acagaaccgg	cccacttccc	ccaggcccac	ccccagagat	1020
tggatcttat	caggagcttc	gcatggaagc	ttttgtcgtc	taccgctggc	aaggagatgc	1080
ccgccaaaaa	gctctgaagg	acttgctgaa	atgggtctta	gagcttccct	actttgtaat	1140
tgactgactt	caagcaaata	ctcttgctta	taaatccatg	aagagtgcga	agccatcact	1200
ggaatacatt	agcgaaaaac	ttgtatcagg	gtaaaatcca	gtacaaggaa	tatatcattg	1260
aaggatttga	aaacatgcc	gctgcattta	tgggaatgct	gaaaggagat	aatttgggga	1320
agacaatagt	gaaagcatga	aaaagaggac	acatggaatc	tggaggccat	ttagatgatt	1380
agttaatttg	tttttcacca	tttagcaaaa	atgtatacta	ccttaaatgt	cttaagaaat	1440
agtactcata	atgagtttga	gctacttaat	aaaatacatt	taagtggtaa	aaaaaaaa	1498

<210> 5862
 <211> 1188
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1136)...(372)

<223> similar to gil813880 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5862

ttgagcccca	agaggcagag	gttgccgtga	gccaaagatca	cgccactgca	ctccagccag	60
ggtggcagag	cgaaaccttg	tctcaaaaca	acaacaaaaa	agaagtaaac	agctggtaaa	120
gcaacctagc	ctaaaactta	caaagtagca	gagtgaacac	atatgtgcat	gcacacacac	180
acacacacaa	cacacatata	cacagatgag	agtagcacac	acgccaaaga	taçatcaagc	240
aagtgtcttt	ttaatcaata	catcaaatga	tatttttgct	agcctgagga	agcttctctt	300
tgctgtcct	atcattccca	cccattgcct	cacagggatg	gaaagaaatt	ccttcttgga	360
cccaacatta	gataaacata	accaagtctt	tacatgtggc	tttggaagag	gctgctagga	420
tgcttgcgaa	cacgacatcg	gggggtctggg	atgcatcgat	ggcggagtg	atccccggt	480
tctgtagta	cttctatgag	tgggggtggg	ttgagtgtgg	gtagggcttg	caggcgggat	540
tttcaagggc	ctttttcatt	tatcatcttg	atcgacggga	tcaaggggtt	ccccgggtga	600
ttgtcatctt	ttcatggggg	ctcttttg	aggggttgaa	ctcctcgtgg	gtaggggaacg	660
gccactcttt	gggggtgaaa	tcagccattt	ctgctgcct	cacagtccga	gggaagccat	720
ccagaagaaa	accatttttg	cacaaggggg	tctccaaatt	cttctcaatg	agctccacta	780
ccatttcac	actcaccagt	ttcccagcat	ccatagttgc	cttcagcttt	tttcttagct	840
ctgagccaga	agccaccatg	gccctcagca	tgtccccagt	agctaaatgg	cagacacaga	900
agttttcagc	caatctgggt	gctgggggca	gtagatagca	gcagaaagag	caggagcttt	960
ggagtcattc	agatgcaagc	tctgtaaat	acttgctatg	tagcctagag	aacaagccat	1020
tcaaaactta	gtttctccaa	ctgggtccct	ttaccggccc	cgggaggccc	cagcagcacg	1080
gcccggatgc	ctttaggata	ctcgggttct	gccgtgggca	cgtggggagc	catgtccgcc	1140
gaagtctctc	actgaacacc	agttcgcacg	cctcacaggt	ccacgaaa		1188

<210> 5863

<211> 2134

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (287)...(703)

<223> similar to gil890141 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5863

ggaattcggg	tgaggctctc	tcattccaga	tatggagact	aaaaagttca	agatggaagt	60
aatagcaaaa	aaattacagt	actaatcaca	acagctacca	tttctcagca	ttagacacag	120
taactgtatg	aaagaagtat	gattattagg	tctgttttac	agatgaggaa	actgagaccc	180
agaaagggtg	aagcacttgt	ctaaggtcac	gcctccagga	agcagtgtgt	ccacgactcc	240
agtccaagtg	gtcaggctcc	agagcccaca	gtcccagggg	tccatgatgc	cgagctgcaa	300
tcgttctctg	agctgcagcc	gcggccccag	cgtggaggat	ggcaagtgg	atgggggtccg	360
ctcctacctg	cacctcttct	atgaggactg	tgcaggcact	gctctcagcg	acgaccctga	420
gggacctccg	gtcctgtgcc	cccgcgggcc	ctggccctca	ctgtgttgga	agatcagcct	480
gtcctcgggg	accctgcttc	tgattgctgg	gtgtggcggc	tctgaccact	ggctatgcag	540

tgccccccaa	gctggagggc	atcgggtgagg	gtgagttcct	ggtggttgat	cagcgggcag	600
ccgactacaa	ccaggccctg	ggcacctgtc	gcctggcagg	cacagcgctc	tgtgtggcag	660
ctggagttct	gctcgccatc	tgcctcttct	gggccatgat	aggctggctg	agccaggaca	720
ccaaggcaga	gcccttggac	cccgaagccg	acagccacgt	ggaggtcttc	ggggatgagc	780
cagagcagca	gttgtcaccc	attttccgca	atgccagtgg	ccagtcatgg	ttctcgccac	840
ccgccagccc	ctttgggcaa	tcttctgtgc	agactatcca	gcccagagg	gactcctgag	900
ctgcccacat	ggcctaagat	gtgggtcctg	gacccctccc	ccttctcacc	ataaccccct	960
ctcagtgttt	ccccaaactc	tcccttttag	cagggtccct	ttagagccca	actccaggtc	1020
aaatctggag	ctcaaattccc	agtgtccct	ccccaggagt	ggggcccca	ctcttccaag	1080
ataccagcat	tcctcaagtc	ctcccaaaac	ttcctaccca	cacctcttcc	ccaaggccct	1140
caggggcaga	aaacatctcc	ttcaaccctg	ccccactcct	tctctgcat	gaccttgggc	1200
aaacccttgc	cctttcaagc	catcagctcc	tgcctctctg	ccatgagggc	tttgatcag	1260
attcctcttc	tcgccaggat	gaggacacgc	actgccctcc	atagacacag	atgaaggggt	1320
gggggtcatt	cagctcgaat	gggtcccaga	tgtcactctg	gcctttccct	gcaggatgag	1380
tgaagacgtt	tgcctctcac	agtgtgtctt	ctacctgcat	tttggcatca	gagccccca	1440
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ggaggtgaca	tgtccgaggt	cacacaacaa	agcagcatgc	aggaactaga	aacacatctt	1560
cagcctcctc	ctgggccagc	tcttgtgcta	cagggtgggc	ggagccagcc	cctcaccttc	1620
ctggttccct	gagggtcctc	aggggtggagg	acaggttttg	cccagaaaga	ctagccagag	1680
gcctgatggt	cccagggtggc	tctggatata	ctttggatat	ggattttaat	ggtctctaag	1740
agccgggggt	agggggcagg	aaaagtgggt	tgtctttgcc	cctcaaagtc	cacctaccta	1800
gaaaccaagc	ccacggtctt	ggccgtgacc	ctgataataa	atgggctctc	tcagaggcgc	1860
cagccccctc	ctccccagcc	ggaggcgtca	tctctcttct	gtaccactag	agggagctct	1920
gatgcagctg	gagagcagcg	ctcaaggctc	tcgccccctc	cctccctaac	ccttaccttc	1980
agtctccacc	agcctgaagg	gcctcctagg	ggatcctcag	gcggcccca	ccagggcaca	2040
ccctactgtc	cttgtgcctc	acgccccctc	ctcatcctgc	acccttcca	tcccaccttc	2100
cctttcaata	aacagctggg	atggaaaaaa	aaaa			2134

<210> 5864

<211> 1936

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1818)... (107)

<223> similar to gi4884092 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5864

tttttttttt	ttgctagttg	tatatataaat	ttaatctcac	cgaatgtaca	gttttcaa	60
ttcacgtgta	tattaaggaa	ctgatgcata	tgagcattgt	caaacaaacg	ggaagaagaa	120
gttaaagggc	agcctggcat	tgatggctgg	tggagctctg	aagcctgcct	ctgcagggtc	180
agacacatcc	acaaaagtaa	ccgcagtggg	aataagaatc	gtcctttcat	ttcctgagtt	240
ggcctcagga	aaggaggatg	aaattagatt	tgcagttaca	ttgactat	ttggcctgtg	300
attcagcagg	gatccgtatt	tagtccactt	cacttctata	accaaagccc	ctgggagctg	360
gcaggaatcc	ttcctgttga	atgactgggt	gatgaagtgg	atgggcaccc	agtccagcat	420
gtccctgggc	cctgggaatt	tccaaaagg	gccacgtaat	ctgggaagcc	ctggccccac	480
agcaggtctc	tcaccttctg	tgctacgagc	tgacacggga	gagctccagt	cagtcttagt	540
ttacagccag	attgcatagt	gtaacaaat	aatactgggg	tccggacccc	ctccagtgct	600

aagcagtctt	gctcagttgt	gctatgaaga	atagtaagct	gtccatatct	atttgtggtc	660
tgaataatcc	cagacccctt	atgaggctgg	aatccagcag	ctaattggag	ccccacgaca	720
taaccagggt	ttccactgag	agggactggc	tgggtatttt	cctgaagaaa	atgaatttca	780
aacttttgtc	gcagtgggac	cactacgctg	ctaactgtcc	ccagaacgaa	tgagagatca	840
gcttttggtga	cttcacctgc	atctgtgtat	gtgaggctgt	actttacctc	aagaacaaca	900
ttcacgcaaa	ggctaaagtg	tccagcgttg	acgagagtcg	gctgcagcac	atcagtgctc	960
tcccgtcggg	tgagcgtttt	atttagagac	tgaatgacga	tggactgaac	agtgataggg	1020
accttttttc	ttgaatcagg	tacctcaga	atttccgggc	tgctgtaaaa	agccatgctg	1080
agggttcaa	tttcttcaca	ctgttctaaa	tttatttttc	tgggtgactt	aacagcctgg	1140
ttcaccagaa	acgtgcagg	gttattatca	gtgcacagag	atgatgtcag	ggacgaagga	1200
aatctcagaa	acgaatctga	agtctgcaga	ggaaccccat	actcatattt	agcagcagta	1260
ggaatatcca	gtttggttgt	gaaggaaaca	tatgattcag	cattcaatgt	aaaaccatca	1320
gatgttttca	tcaatgtatc	aaaattgttt	tcatcaggta	cttctggatt	aataaaggat	1380
aatgcagggt	tatagtttgt	aatatgaatg	cagaaaatag	atggattaat	ctgggtcaaca	1440
agttcaaata	ctctttgagg	tgggtttgct	gtaaaattca	atgaatagat	gactgctttt	1500
tgactacaaa	actggctgtc	gcccgtagca	actggaactg	agcaggcaga	aaagacactg	1560
aaatccacgg	agctgcagtc	gggatcacag	cagcagttga	tgtcacactg	tgctggggat	1620
aagtcacaga	cacagagaac	agcaacgtcc	gtgactgggg	taggcctggg	gccggaggag	1680
ggccctggag	ccctgggagt	ccgggggggc	ctggtcgacg	ggaaagttcc	gaagggtggc	1740
agggtgcct	cgggtggagt	gaggccctct	gtcgtcaccg	ccgggggtgg	atcggtctgg	1800
gcgctcacgg	aggcccagca	gcccgaggag	accaccagga	gcggcgggag	acctcgcggc	1860
ctcatctccc	agggagtccc	agcgaggccc	gcgacatgga	cagcgcgttg	cccggcaacc	1920
gcgacagcca	ggcgcg					1936

<210> 5865

<211> 2697

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (402)...(2303)

<223> similar to gi4886493 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5865

caagggtgcgg	cgggtagtg	actcattcga	aggagaatac	cccccaattca	ctagacgagc	60
ccctaattgg	gggtgcggtg	ccgggcgcgc	tctttcctcc	ccctttccac	cagcactgcc	120
ctcagttctg	cttctagcca	cgccctttcg	cgttcacgtc	cagcgccctg	gcgggattga	180
tttgaggacg	actggactgc	cattgcgcct	gcgcagggag	cccaaggcaa	gagccgctag	240
gctgccttgc	ccgaagggct	caactgtcag	tgagcctgcg	caggaggcca	ataggctgcc	300
aatactcctt	ggactccccg	ccagggccct	gctgtcagtg	cgctgcgcg	cgggtccggc	360
gccgaggttc	ttgactgctg	tgcggacgc	cagggtgtagc	catgcagcga	gccgattccg	420
agcagccctc	caagcgtccc	cgttgcgatg	acagcccagag	aacccctca	aacacccctt	480
ccgcagaggc	agactggctc	ccgggcctgg	aactccatcc	cgactacaag	acatggggtc	540
cggagcaggt	gtgtctcttc	ctcaggcgcg	gtggctttga	agagccgggtg	ctgctgaaga	600
acatccgaga	aaatgaaatc	acaggcgcat	tactgccttg	tcttgatgag	tctcgttttg	660
aaaatcttgg	agtaagttcc	ttggggggaga	ggaagaagct	gcttagttat	atccagcgat	720
tggttcaaat	ccacgttgat	acaatgaagg	taattaatga	tcctatccat	ggccacattg	780
agctccaccc	tctcctcgtc	cgaatcattg	atacacctca	atttcaacgt	cttcgatata	840

tcaaacagct	gggaggtggt	tactatgttt	ttccaggagc	ttcacacaat	cgatttgagc	900
atagtctagg	ggtggggtat	ctagcaggat	gtctagttca	cgactgggt	gaaaaacaac	960
cagagctgca	gataagtga	cgagatgttc	tctgtgttca	gattgctgga	ctttgtcatg	1020
atctcgggtca	tgggccattt	tctcacatgt	ttgatggacg	atattattcca	cttgctcgcc	1080
cggaggtgaa	atggacgcac	gaacaaggct	cagttatgat	gtttgagcac	cttattaatt	1140
ctaattggaat	taagcctgtc	atggaacaat	atggtctcat	cctgaagaa	gatatttgct	1200
ttataaagga	acaaattgta	ggaccacttg	aatcacctgt	cgaagattca	ttgtggccat	1260
ataaagggcg	tcctgaaaac	aaaagcttcc	tttatgagat	agtatcta	aaaagaaatg	1320
gcattgatgt	ggacaaatgg	gattattttg	ccagggactg	ccatcatctt	ggaatccaaa	1380
ataattttga	ttacaagcgc	tttattaagt	ttgcccgtgt	ctgtgaagta	gacaatgagt	1440
tgcgtatttg	tgctagagat	aaggaagttg	gaaatctgta	tgacatgttc	cacactcgca	1500
actctttaca	ccgtagagct	tatcaacaca	aagttggcaa	cattattgat	acaatgatta	1560
cagatgcttt	cctcaaagca	gatgactaca	tagagattac	aggtgctgga	ggaaaaaagt	1620
atcgcatttc	tacagcaatt	gacgacatgg	aagcctatac	taagctgaca	gataacattt	1680
ttctggagat	tttatactct	actgatccca	aattgaaaga	cgacgagag	attttaaaac	1740
aaattgaata	ccgtaatcta	ttcaagtatg	tgggtgagac	gcagccaaca	ggacaaataa	1800
agattaaaag	ggaggactat	gaatctcttc	caaaagaggt	tgccagtgtc	aaacccaaag	1860
tattgctaga	cgtgaaactg	aaggctgaag	attttatagt	ggatgttatc	aacatggatt	1920
atggaatgca	agaaaagaat	ccaattgatc	atgttagctt	ctattgtaag	actgccccca	1980
acagagcaat	caggattact	aaaaaccagg	tttcacaact	tctgccaaga	gaaatttgca	2040
gagcaggctg	attcgagtat	attgtaagaa	ggtggacaga	aagagtttgt	atgccggcaa	2100
gacaatattt	tgttcagtgg	gtgtgcagac	aggaaatttc	acccaagccg	caggatgggc	2160
gatgttatta	gcccccaact	ccataacacc	ctcaaaaaaa	gggatgggaa	cgacagtacc	2220
ttcagtccca	aaatcccaac	tcgcctcccg	aggaggtctc	ccaaaagcag	agtcccagct	2280
ttttaaagat	gacccaatgt	gaatgtctgt	agtcagttgt	ttacaaactc	cctctcctgc	2340
acaattcatt	tagaggcttc	aatcataaaa	ttctgcmeta	taatgacaac	tcattgcttta	2400
attttgtatt	ttgaatgtac	acgcattgtg	aagctaagta	acttttaatc	aaagaaataa	2460
gatggtatta	gggcaaatct	tactatacta	tgaaaagcat	taccttgcc	atttttaata	2520
ttattaaagc	ctttctcctt	caaaaaaaa	aaaaagggcg	gggctgttaa	aagatccctc	2580
aggggggcca	aaataacccc	gagacgcccc	gctgtaagct	tttcccttat	gagggcctaa	2640
ttataaacca	aacttgacc	cttttgaaa	ggaccttaac	ttcgggggag	cacaaaa	2697

<210> 5866

<211> 3464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3465)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1430)...(3052)

<223> similar to gi4773880 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5866

atgcagtggt cagtataat ggaatacttg aaagtaatcc cctcactcca ggaactagtg 60

ctcagctagc	agaactaata	gcctcactt	gggcactaga	attaggagaa	gaaaaaaggg	120
caaatatata	tacagactct	aaatatgctt	acctagtcct	ccatgcccac	gcagcaatat	180
ggaaagaaag	ggaattcccta	acttctgaga	gaacacctat	caaacatcag	gaagccatta	240
ggaaattatt	attggctgta	cagaaacctt	aagagggtggc	agtcttacac	tgccgggggtc	300
atcanaaagg	aaaggaaagg	gaaaatactt	ttgcctgcaa	ctatccaatg	gaaattactt	360
aaaacccttc	atcaaacctt	tcacttaggc	atcgatagca	cccatcaaat	ggccaaatca	420
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 <212> DNA
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 <223> similar to gi4096591 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<223> similar to gi31958 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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ctttccatag	ctcctaatac	agaatctgaa	attggcctaa	atctttctgg	tttaaaaaa	5100
aagcaaacc	acaaatggaa	aaagcac				5127

<210> 5869

<211> 1368

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (366)...(1222)

<223> similar to gi241467 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5869

agaaaccccc	accccttctc	cgtgtctctc	ctcttttctc	tgggcttgc	ccttcactat	60
gggcaagctt	ccaccttcca	ttcctttctt	ctcccttagc	atgtattctt	cagaacttaa	120
aatctcttca	attctcacct	gacctaaaat	ctaagcatct	tattttcttc	tgcaatgctg	180
cttgacccca	atataaactc	gacaggagtt	ccaaatagcc	agaaaatggc	acattcaatt	240
tttccatcct	acaagatcta	aataattctt	gtcgtaaaat	ggcaaatggg	ctgaggtgcc	300
tgaagtccag	gcattctttt	acacatcagt	cccttcctag	tctctgtgcc	cagtgcact	360
cgtcccaaat	cttcttctt	tccctccgc	ctgtccctc	agtcccaacc	ccaagcgtca	420
ctgagtcttt	ctaattcttc	ttttctacag	acccatctga	cctctccct	cctccctggg	480
ctgtctctcg	ccgggctgag	ctagggtcca	attcttctc	agcctccact	cctccaccct	540
ataatccttt	tatcacctcc	cctcttcaca	ccccgtccgg	tttacagttt	cattccgtga	600
gtagccctcc	ccctctgcc	cagcaattta	ctcttaaaaa	ggtggctgga	gctaaaggca	660
tagtcaagg	taatgtcct	ttttctttat	cccaaatacag	atagcgttta	ggctcttttt	720
catcaaatat	aaaaatccag	cccagttcat	ggctcatttg	gcagcaacc	tgagatgctt	780
tacagcccta	gacctaaaa	ggtcaaaagg	cgtcttatt	ctcaatatac	attttattac	840
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caacaggatt	taattaacct	cgccttcaag	gtgtacaata	atagaaaaaa	gtttcaattc	960
cttgccctcca	ctgtgagaca	aacccagcc	acatcttcca	gcacacaaga	acttccaaac	1020
ggctggaccg	gcagcagcca	ggcggttctt	ccagaacctc	ctcccacagg	agcttgctac	1080
acgtgccgga	aatctgggca	ctgggcaagg	gaatgccgc	agcctgggat	tcctcctaag	1140
ccacgtccca	tctgtgtggg	acccactga	aaatctgact	gttcaacttc	acctgggcag	1200

ccactcccag	agccccctgga	actctggccc	aaggtctctct	gactgactcc	ttcccagatc	1260
ttgggcttag	cagcttgaag	actgacactg	cccgatcgcc	tgggaagccc	cggagaccat	1320
cacggacgcc	gagctgccag	taactctcac	agtggaaagt	atctggtc		1368

<210> 5870

<211> 1553

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (373)...(1306)

<223> similar to gi2183323 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5870

cgcgctccgcg	gacgcgtgga	cggacgcgtg	ggcgctctctt	ggccccgcgt	taaggccctc	60
gcgggggggct	tgtgggtcct	cctccccctc	ccactgacaa	ctgccccaac	tgctcttccc	120
gccccgggtca	cagtgaaaat	gtagacgggg	tcgttggtccg	tacgactgtg	cgccagggct	180
cggggagggg	cgccctccgc	gtgagcgccc	ccctgggaat	attgaacata	atcacctctc	240
attccagact	atgttaggtc	ttaatggtgg	gaggacgccc	gagtgtctcg	cccgtttcac	300
cccaggagg	aaggacactg	ggcatgacg	ccatcagagg	gcgccagagc	agggaccgga	360
cgcgagttgg	agatgttgga	ctcgctgttg	gccttggggc	gcctgggtgt	gcttcgggat	420
tccgtggagt	gggagggggc	cagtctcttg	aaggcgcttg	tcaagaaatc	tgcactgtgt	480
ggggagcaag	tgcataatcct	gggctgtgaa	gtgagcgagg	aagagtttcg	tgaaggtttt	540
gactctgata	tcaacaatcg	gctgggtttac	catgacttct	tcagagaccc	tctcaactgg	600
tcaaaaactg	aggaggccctt	tcctgggggg	ccgctggggag	ccttgagagc	catgtgcaag	660
aggacagatc	ctgttcctgt	caccattgct	ctcgattcac	tcagctgggt	gctacttcgc	720
cttccctgca	ccacactctg	ccaggtcctg	catgctgtga	gccatcagga	ctcttgctct	780
ggtgacagct	cctcagtggg	gaaagtgagt	gtgctgggct	tgctacatga	agagcttcat	840
ggaccaggcc	ctgtggggagc	tctcagcagc	cttgctcaga	ctgaggtgac	cctggggcgg	900
accatgggcc	aggcctcggc	ccacatcctg	tgtcggaggc	cccacagcgc	cccaactgac	960
cagactcagt	ggttctccat	ccttcgggac	ttcagcctgg	atctccaaga	ggggccctct	1020
gtagagtccc	agcctactc	cgatcctcat	atacccccgc	tatctaagaa	tgccaaggcc	1080
agaacaagga	aatgtagttt	agtatctggg	cacgggagag	aaaataaaaag	ctgcagaggt	1140
tgggggtggg	gtcagggatt	ctagggatgg	ggcagagtgg	cagcatcctt	tgtacctaca	1200
ggtggatccc	acaactcatt	tgacctttaa	ccttcacctg	tccaagaaag	agagagaagc	1260
cagagatagc	ctgatectgc	ccttcagttt	cagttctgaa	aagtaagggt	gggacctggg	1320
tacgtggatc	cctgagtaga	tcccagcatc	tgggccatgg	agaggttggg	gcaacagggt	1380
attgattaac	ctgactttat	agggactgaa	gtccacctcc	agagacaagt	ccaagttctt	1440
gatccacca	ttccccctat	aatggcagag	gacctttatg	tctcttttct	ctcccttata	1500
cccttggatc	acagctccag	ttgtccccag	agcaccctgg	gcctgggctg	agc	1553

<210> 5871

<211> 1831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1718)...(746)

<223> similar to gi5668733 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5871

ccatctcaaa	attcttaatt	ctatctgcaa	agattctttt	ccaaataaag	taatatttat	60
aggttctgag	ggttagggca	tgaacatata	ttttgagggc	taccatttga	tccatagctg	120
ttcagcgggt	tacattctcg	gatttgacag	tggcatgctt	cacttgtagc	tgtgccattc	180
tggaaatgagg	ttgaccagat	ggtgctgctg	gccacgtcaa	actcatccta	caggctgtag	240
caagcaaggc	tcacacctcc	ccatgtctga	cacctgtgaa	tcacagctgg	gtctctggaa	300
aaatgagtga	gtgcaggaac	aaaatcaaac	aggagacctc	atccaccact	aggtctcaga	360
gaggacattg	cagcccctga	aaagagagca	tctctcttgg	aacttttgta	ctcagttgta	420
ttaacgcggc	aaggaaaatg	gcacatttat	gttggaatat	gtaattattt	atggcacctg	480
tgacaactgg	gcactttgga	atcacaaagt	ttatggttga	agaccacttg	gggtgattat	540
cctccaaaat	gtttatttgg	cttcttgaag	ttctgcagag	gttgaggcag	ctgtctcaaa	600
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gtaacggcca	ccaactcctt	ccagctctgg	ggtgactgct	gcgtagatgg	aagtccacgc	900
tccttcacgc	ggggtcttga	aaagcaacca	gccgagaagc	ttcttcgcca	gacgggtggc	960
ccagaacacg	tgcttgtaga	ggtccgtggt	gaccaccccg	gggtccacca	cgttggcggt	1020
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gccaggggac	ccagactctt	tcagcgtatc	caagagaagg	ttggtcagca	ggaagtgcc	1260
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cacaaactgc	cggatggaag	tcattggaagc	caagtcacag	tataaaaatt	ccaaatttta	1440
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cgcttgagtt	ccagaggcaa	agccagcccc	ggcaacacag	caagactcac	gtctctttgt	1560
cgttcaaggt	ttcttctttt	attttgctta	caacttggtt	ggctttgctg	tcattatttc	1620
cagctatgat	aacatgcatg	ccaagtctcg	ccagatgctt	cgctgtagaa	tagccaatgc	1680
catctgtccc	tcccgtcact	atagcgacac	ggtcaggctg	tggggggaaa	acctgggggtg	1740
ggtaggggtc	gaggtccctg	ggacgcccgc	tcctcccttc	cggggcctgg	cgggggcgcg	1800
cggctactgg	ccgaccgcag	gcggcaggca	g			1831

<210> 5872

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (202)...(774)

<223> similar to gi1389766 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5872

ggaggaaaca	cacattaaaa	ataaattaaa	accttaatta	tttaattaca	agcgtgataa	60
atgctaaaaa	taggaggcac	aggaaagcag	gataacctat	aattggagga	aaacctgtct	120
gggagatcaa	gaaggcattc	ccatacattg	tcgtgacaac	cttttttgga	aggcaatact	180
gaagtctatt	aaatgacaca	gtccttcoga	cctagctgtt	ccactttagg	aataaaagta	240
atatagcaat	aaaagtaata	ctacttaaag	cagcatgttg	ctttggctcc	cagtgaagtt	300
gcaggtgtta	caaagcataa	tatgcctcca	agccaggctg	cccaaagggt	caaattccaga	360
aaccagtcta	atagactgag	gaaagcaagt	gaaggtaact	tgacacgcca	taaagaactg	420
ttcaagtgag	tggactcatt	gtgagatgcc	tgatgcactc	cagagaaatc	agatttaggt	480
ccaatagcat	aatacaagaa	gtcaagcacg	tgagggcctc	ctgtgagatc	tcgatggggc	540
agccaggcac	ggggactcac	gcctgtaatc	tcagcattct	gggaggccaa	ggctggagga	600
tcatttgagc	ccaggagttc	aagattagcc	tgggcaatat	ggtgaaaccc	catttctaca	660
aaaaaatata	aaaaaaatta	actgggtatg	gtgggtggtg	gtgcctgtag	taccatctac	720
tggtgggagc	tgaggtagga	ggatcacctg	agcctggaag	gttgaggctg	taag	774

<210> 5873

<211> 1322

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1116)...(203)

<223> similar to gi311667 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5873

tttttttttt	ttcacattac	cgaaaggcca	agtaatgttg	tgtgattact	ataattccta	60
caacaaaact	tccacttaga	atagttacat	gttcccaaac	tattttttct	ctgtctgcca	120
tgctggcttc	tgtatcccat	ggtccactgt	aatctttttg	gtcttctttt	tttgagtagc	180
agcagtcctc	gtgctgctat	ccattgagta	ggtaaaccac	caattcatag	gtggccatca	240
taatggctgt	gtttgggaat	ctgtctcact	agatgagttg	tcagaccacg	ataaagagac	300
ccataacctt	cttcttgaac	aagcaaagat	agagtctgaa	aaaaagatct	gtattttggt	360
ccctcttcac	gtagtcttgt	tcttacaact	tcagtgtgat	atgctatagt	tgtggcaaca	420
agtttttgag	gtggcagcag	ctagcatcat	tcccacaaaa	tctgatgctt	ctttcacaga	480
ctcttcatca	ttttccattg	tagaagcagt	cttatattcc	agtagttttt	gttttatact	540
ttcataaata	acaaaatgga	taacagtctc	tgatatacca	gcatatgaag	cagacatgcc	600
cctataaaat	ccttttagtc	catctgtctg	atacacttta	cgaacacatt	caaaagcacc	660
cattcgcttc	ttccccgcgg	ttccttgcat	caaagctgta	accgagtctt	tataagccaa	720
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gaacgaggcc	cttctttttc	caagatcacc	tttaggcaat	gaagagggtc	gggagacact	960
actcggttga	cactggctcc	agccatgggt	ttcagctgaa	cttcagaaat	ataaagcgtc	1020
acagaagatg	actgcagtcg	tgttttttaca	acttccagtg	gacatgtcag	aatagctccc	1080

actgtaccac	cacatcctcc	ggcaaacaga	tgcaccagcg	tgteccctctg	gctcattctc	1140
tctcccgcac	gtcctccggc	cgctgaggcg	ggacgcggat	ctggccgccc	gctacggcag	1200
gcggcttcgg	tcccggactg	gagacgcaca	gcgccccggg	gacggcgagg	agagctggcc	1260
gagatgcggc	tgcagaaagc	aaccggcaca	gccctccccg	cggcactcca	gccgcgacga	1320
aa						1322

<210> 5874

<211> 1038

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (776)...(992)

<223> similar to gi299471 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5874

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ctgccacagc	ctcagcctct	gtggctctgt	gacctgccgg	tattggatga	ttcgtatcta	120
agactctggg	acactcctga	agtcgggaaa	tggtgagtgt	gcagggcagg	gcgtcccaag	180
gctgtggagg	cctcatcgga	accggcgggg	aatggcgggc	gtgggaggag	tctgtgaatg	240
gagttcccgc	tcagccctct	gtcctcagtc	ccctccgggt	agggaccgcg	gctcttgta	300
gtccccgtac	agcggctctg	gccagcctg	cagccctcct	tgtgcagctc	tgcgccggtg	360
gccctgcact	ttccccgggc	tgtggagtga	gtaggagctc	atccggaaga	caccgcggcg	420
gcctgcgcgg	tgccggcggt	ggaggagctg	tggtccggaa	tcccgtccct	actttaccct	480
gttcagaatg	agattgaggc	cccatcaaaa	catggagtgc	atgtgagcaa	acaggactta	540
ttaatgggaa	agctctgccc	tggtcctgtg	tttggggact	gccagcgggt	cttgaaggaa	600
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gccaccacac	tcagctaatt	tttttgtatt	tttagtagag	acgggggttc	gccatgttgg	960
ccaggatggt	ctccatcttc	tgacctcatg	atccaccagc	ctcggcctcc	caaagtgtctg	1020
ggattatagg	cgtgagcc					1038

<210> 5875

<211> 1762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1678)...(388)

<223> similar to gi23874 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 5875
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atttgcccttg cggtaagaa ttaattaacc atggccttgt ggccctgggc tgaccacaggc      120
tgcgttttat cttgcacagc taaaagaggt tctgatgggt ggctcaacac cccaacccaa      180
ctcctaatac catgtcatca agtggtcaca attttccaaa atgaagttga agtgccttga      240
tctgtccact gccaccacca accagtgttg gagttttccc atgtgggttt tgctttttgt      300
ggtgttaact ggcccttgct gctaagagca agcaaggact gttctgcgta agcgcctgcc      360
agcctgggga cctcactcaa gttccccagg ggtattcaaa gaccggcagc gggctcccat      420
tccagctccc gatggcacat ggacaaccac tccggtatgc cctcttccca cgggcgcttc      480
agcttcattg agcaagcgtg atgacctgta cgtgccccca gtgcagccca agggggtggc      540
cctaaggggc actggcaccc cccagggggg ttcacccttc tcagggggga agtcgtagct      600
tctccacaca gtaggcagcc tggcttgcaa aggcctcat tgatctcgaa gatgtccacg      660
tcaactactg tcagccctgc tttttgcaa gctactggga tggcataggc aggtccaatg      720
cccagtgatg caggtgggac cccaaccact gcataagacc tcaggacccc aaggatggga      780
aggcccaact cttctgcctt ggacctccgg gccagcagga tggcagctgc cccatcactc      840
acctggctag agtttccagc tgtggtagaa ccacttttct tgaaggcagg cttcagtttg      900
gccaggccct ccatggtggt gctggggcgg atacctcat cctgggtcac agtgatgctc      960
ctcttggtgc ccttgtcac atggaccgtg gtggtcacag gcacaatctc agcttgga aa 1020
cagcccttgc tctgggctct tgctgccttc tgctgggaag ccagggcaaa ggtatcctgc 1080
ttctcccggtg aaatgcaaaa ccgctcagcc acattctcag aggttatccc cataggaatc 1140
aggcaatctc tggccttctc cttctccatc aagcggaag taatatttcc agggttccct 1200
ctgtcagcca gggacatgga ctccacccca caggccatgc caatgtcata agacccattt 1260
ctgatgccac ctgctatgct ggccactgcc tgtagccccg acgaacactg tctattgaca 1320
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gccccggccc caggctgcag cacatttccg acacagatgt ccccagctg ttccggcctc 1440
agattcacgt ccttgagaac cgcggtcatg actgccgaga gaagctcgtc gggggtggtg 1500
tccttgaagc cgcgcgggcc cgcgcggcag atggcgtg gcgcgcctg caccaccacc 1560
acatccgagg cggagggcatg cggggcaccg ctccaggcaag gcgcggcctg cggcatccag 1620
ccggaatcgg cgggacccct caggtggccc agcactacct gcagcctctg cattgcgcag 1680
gtcaacctg cagaccagcc accagtccgg gaactgaccg cggagttaac agacagccgt 1740
ccgcacacgc gcagaaccac at                                     1762
```

<210> 5876

<211> 1140

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1108)...(443)

<223> similar to gi4454696 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 5876
gggaggaaag ggaaggtatt agacgccgcg cggggattgg tttttgtgtg taattatggg      60
```

ataggggttg	tgagatgggt	ttgggttggg	agtgggtgtg	gtgggttgtt	atatgttttg	120
gaggagtggg	actccataag	ccctttctgt	aatataagta	tgctaaatgc	cacggaagcc	180
agatacattt	attaaatcta	ctcttagcca	agcaataaag	atgtgtacag	agttcacaac	240
ctgcaacact	tcaccaggga	atgctaggta	aaggcaactt	cagtttaact	gagtactcca	300
tttcaagtgg	gtaatgtctg	ctgggttggc	gctatccagt	ttggaaaact	gtggaagatg	360
ctgttgctac	ccagattgtt	ctgttcaaca	agtgggctg	aagcctgagc	agtgtagcca	420
gctgtgtggg	gagcagaggt	tactccatt	gcttctgcag	cctcctcacc	tgactcctcc	480
tctcctcta	gtaagcagct	tcttgtcaca	gacttctgga	tagcttcccg	ctctccttca	540
tcagtgcagt	tctgcaacaa	gatcaacagc	tgtctctgt	tgtactgaat	taggaacttc	600
tgacatgttc	ttattgtacc	tggcatatga	gttactgtgg	tcaacagctt	gtgaaaggtc	660
tcgaccttac	agactttcag	aggtaggggg	aaggtcttgt	tagcgggaca	gcagcaagac	720
ccaccacca	gtttagactg	aactgtgaac	gtgtcaccaa	ttgaaaatca	gtagccatac	780
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gttctccaag	tatgtgatga	aggggaagagc	tgaccacaca	agctgataga	attcttttct	900
gcacgaagt	agcactatc	cagtataggc	attgagatat	cgaaccgcga	agccgatgga	960
gcaggcggct	gcgccgaaag	tccgtgcac	cctggcgatc	gtgtcccgt	cgaggctgct	1020
cagaactcgg	tcacgaggc	ttaggcggca	gcgggggtcg	tcagacacca	gttcgcagag	1080
caggtacctg	tgcttgaacc	gcaccatggc	tgctcccg	ctctccagtc	cgtcgtgcc	1140

<210> 5877

<211> 2474

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2475)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (405)...(2378)

<223> similar to gi5305335 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5877

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ggttagggta	agggttagg	caagcattag	cagcaggggc	atggccctgg	gaagcacctg	120
gacccagaa	cataagacag	gagggagaga	tgccatccat	tcagcgggca	cttatgceca	180
cgaccagctg	agccagacca	gcattcccat	ttaccacccc	cttactcctc	aagatgcaaa	240
tgaagctcag	ggctgggagg	aagctggcag	ggctgtccac	agggaggacc	cccgtgtgtc	300
tctcgggctg	cccaggtggc	tctgtccacc	cttctgtctg	ggaggctcct	taaggctggg	360
gagggccag	aggggaaggag	atcctgagg	gctggcagat	tcaggccctc	cctgcgagct	420
gaggtttgaa	gaggagagca	gaccaaccag	agtagtgga	gaaagcaccg	gcagaaaagc	480
tggcatatcc	accgagggcc	tctctgcttc	ttttgacctt	tttcagagtt	tcagagttat	540
gaaccaaate	gccttcatga	gagatgacga	atcagatgct	acatagtggg	ggaggcggca	600
gctggcctgg	ctccccact	tccccaggac	ctccgcctgg	aggaagcctg	cccagggccg	660
cagccctgcc	cccaaagacc	ccaggacaga	ccagagctcc	tgctggagcc	gggtgtcccc	720
atgctgacct	ggccatgtcc	ccaggtccca	ccccagggtc	acttctctgta	gctccgactt	780
ctctagtggc	tgattgcagt	tcccagaatg	tataacatcc	caggggtgcc	gagcccaccc	840

aagcagccac	tcctgtccag	ttcccagaat	gtataacatc	ccagggtgcc	agagcccgcc	900
caagcagcca	ctcctgtcca	gttcccagaa	tgtataacat	cctagggtga	cagagcccgc	960
ccaagcagcc	actcctgagt	cactcgggca	tgtccaggac	tcagggtccac	acagacagtg	1020
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tgctcagggc	cacagtgcag	tggggggacc	cacgtccatc	gccacctga	tgcatacaac	1500
ccggacaagt	ttactgctgt	gattttctgcc	ggcgctgctg	tgccgggttc	ctggtgctgc	1560
acagccacgc	actccccatg	agtgggcctg	cccagcatta	gctgagtgcc	ttctgtgtgc	1620
tctacgccag	gtgccaaggg	caggccagcc	aggcagaacc	atgtgtgggg	ctgggacagg	1680
tcagggtggt	ggaaaggtgg	acagaaggag	gcaggaggca	ggtgtgagaa	gctgcccacc	1740
ccacccctca	acaccacagc	acttcagct	ccagcaggtc	cttgtttctca	gctgcccctg	1800
agccatgggt	ggccagggtct	cctccccatc	acccactga	gactcgagac	agggaggacc	1860
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tcctctcccg	tgagcatccc	aaggcatcgc	tggtctgcagc	tgagagggcc	tcatttgggc	2040
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cagcctccca	gacaccccgg	gccggtcctg	ctctccaggc	ttagggctac	agccacaacc	2160
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gctctggggc	cagtatgatg	cccatcttcc	ctctggggag	tcacgttcct	cccgtccgg	2280
gcccgttccc	acccaaggtc	cctttgcaga	agactggcac	tgctctcctc	cagcgggaac	2340
tgggtgtgcc	ctcagcaaga	ctctgcccc	tccatcctc	atgttctcag	gagactgaag	2400
ctgggcactc	agaaccagcc	ccaggagcag	aacgcaggcc	tgcatataga	ctcactgcaa	2460
ggcggacgcg	tggg					2474

<210> 5878

<211> 1938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (48)...(1654)

<223> similar to gil388193 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5878

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gacttgagcc	cacttgcttt	gagagaactg	aagatattgg	aggagtgtgg	aggttcaaag	180
agaatgtgga	agatggccga	gcaagtatct	atcaatctgt	cgttaccaac	accagcaaag	240
aaatgtcctg	tttcagtgc	tttccaatgc	ctgaagattt	tccaaacttc	ctgcataatt	300
ctaaacttct	ggaatatattc	aggatttttg	ctaaaaaatt	tgatctgcta	aaatatattc	360
agttccagac	aactgtcctt	agtgtgagaa	aatgtccaga	tttctcatcc	tctggccaat	420
ggaaggttgt	cactcagagc	aacggcaagg	agcagagtgc	tgtctttgac	gcagttatgg	480
tttgacgtgg	ccaccacatt	ctacctcata	tcccactgaa	gtcatttcca	ggtatggaga	540

ggttcaaagg	ccaatatattc	catagccgcc	aatacaagca	tccagatgga	tttgagggaa	600
aacgcatect	ggtgattgga	atgggaaact	tgggctcaga	tattgctgtt	gagctgagta	660
agaatgctgc	tcagggtttt	atcagcacca	ggcatggcac	ctgggtcatg	agccgtatct	720
ctgaagatgg	ctatccttgg	gactcagtgt	tccacaccgc	gtttcgttct	atgctccgca	780
atgtactgcc	acgaacagct	gtaaaatgga	tgatagaaca	acagatgaat	cggtgggttca	840
accatgaaaa	ttatggcctt	gagcctcaaa	acaaatacat	tatgaaggaa	cctgtactaa	900
atgatgatgt	cccaagtcgt	ctactctgtg	gagccatcaa	ggtgaaatct	acagtgaag	960
agctcacaga	aacttctgcc	atctttgagg	atggaacagt	ggaggagAAC	attgatgtca	1020
tcatttttgc	aacaggatat	agtttctctt	ttcccttctt	tgaagattca	ctcgttaaag	1080
tagagaataa	tatggtctca	ctgtataaat	acatatccc	cgctcacctg	gacaagtcaa	1140
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tgatgatgga	cattatcaaa	aggaatgaaa	aaagaattga	cctgtttgga	gaaagccaga	1320
gccagacgtt	gcagaccaat	tatgttgact	acttggaaga	gctcgcctta	gagatagggtg	1380
cgaagccaga	tttctgctct	ctcttgttca	aagatcctaa	actggctgtg	agactctatt	1440
tcggaccctg	caactcctat	taatatcgcc	tggttggggc	tgggcaatgg	gaaggagcca	1500
gaaatgccat	cttcaccag	aaacaaagaa	tactgaagcc	actcaagact	cgggccctga	1560
aggattcatc	taattttctca	gtttcttttc	tgttgaaaat	cctgggcctt	cttgctgttg	1620
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tatcttgtca	gtcactacct	cctaaagaaa	aaaaaaaaag	ctaaaaaaaa	aaacattaca	1740
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aattaccaaa	attaggctta	tgtacaaaac	caaaatttgg	ccatgaaatt	ttgcctttcc	1860
atgcttcctt	cagttcacca	aagttaccaa	aatgtaaaaa	aaaataaaac	tggctcaggt	1920
aagtagggct	gccaaccc					1938

<210> 5879

<211> 2789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (438)...(1674)

<223> similar to gi36603 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5879

cccacgcgtc	cggcgatgcc	taagcggttc	accttttagc	caaggctctc	cagcgttctt	60
agagcggaga	agaaagcgct	ccgaagagct	agagctgaca	ctcggcgatg	agctaagacg	120
ctgtttcaga	gcgtttgggt	cctctgaggc	cccttgacca	ggagtgtctc	tgaagataca	180
gtccaaagaa	agttctccaa	aacaaggaga	gcagtctgaa	gctggggatg	gcaacagcat	240
tggtgagtgc	ccattccctg	gtccccctga	atctgaagaa	ggaggggctt	cggttagtga	300
gggaggatca	ctactctact	tgggaacagg	gattcaagct	gcaaggaaac	agtaaaggcc	360
ttggacagga	gccattgtgc	aaacaattca	ggcagttgcg	ttatgaagag	accacaggac	420
ctcgagaagc	actaagtcgg	ctccgggagc	tctgtcaaca	gtggctacag	cccagacccc	480
ataccaagga	gcacatcctg	gagctgctgg	tgctggagca	gtttctgatc	atcctgccta	540
aggagctcca	ggcccgggtg	caggagcatc	accagagag	cagggaggac	gtggttgttg	600
ttctggagga	tttgagctg	gatcttggag	aaacaggaca	acaggtggac	ccagaccagc	660
caaagaaaca	aaaaataactt	gtggaggaga	tggcccctct	gaaaggagta	caggaacagc	720
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aaatatctga	acccatggag	gtcataatg	agggctctaa	cttggaaagg	catcaggcca	900
agcccaaaga	gaagattgag	tataaatgct	cagaacgtga	gcagagattc	atccagcact	960
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gtcagagttc	cagtcttaca	ggacataaga	aagtcctctc	ttaggagaga	aaggtcattcc	1080
agtgttcatg	cagttttggg	gaaagccttt	cagaggagtt	cacacctcgt	cagacatcag	1140
aaaatccatc	ttggtgagaa	gccttatcag	tgcaatgagt	gtggcaaagt	ctttagccag	1200
aatgcaggcc	ttttggaaca	tctcagaatt	catactggag	agaaacctta	tctatgtatc	1260
cattgtggaa	aaaatttttag	gcgcagctct	caccttaatc	gacatcagag	aattcacagt	1320
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accaccatc	agagaatcca	tagtcactcc	aaaagccatc	aatgtaacga	gtgtggaaaa	1440
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ttcaagtgt	acatatgcc	gaaagccttc	cgactaaact	cacaccttgc	tcagcatgta	1560
agaatccaca	atgaagaaaa	accctatcag	tgtagtgaat	gtggagaagc	cttcaggcaa	1620
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agtcaccgta	gcccactgtg	gcatcagaaa	attcttgggg	gctgagttgg	aggctccctg	1800
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gttttgaagt	cagcagtga	tcaagtcccc	acagatttgc	aggcttaagc	agaacaaggg	2040
aagattgata	tttttggata	tgctatagca	gctttctcct	atgaaataaa	actgatgatg	2100
tttgaagta	tactactctc	aaaggtgtct	ttaaagtaca	ggttaatggt	gaacattttc	2160
ccccagtggc	ttcacctcat	tcctcccact	ggccttacct	cttccctccc	cagtggaagc	2220
attttcaaaa	gcaaagataa	ttttcgctgg	tgaacttcag	aacttgcctt	cagggttagc	2280
ttcatgtaat	tttaccattt	cccatcccca	ttccccacca	cattatgtca	agattcaagt	2340
tataaattaa	cgttttactt	agactttgaa	agagatttca	tgagtaattt	gaatgaacct	2400
tgctgaatta	atctgaatag	caactgtctg	acttgataac	tccagtgcc	gtatagtggc	2460
tgctgcatag	acactattca	gtaaatgtct	gatgaaagaa	attggacttt	ttccctttta	2520
tactgatgat	gcaattttga	aatgttgctt	gttctggaat	acttcggaag	ttaaacaata	2580
aagtcagctt	ggagaggaga	tcattgatctt	tatactgtga	atagcagaat	gtcacagatg	2640
aagaatatta	aaattagggg	cgtccactcc	aaaacatatc	accagagtga	caacttcagc	2700
cctcagcctc	tgcaatccat	atatatcctg	gtcttggggg	tccatagaat	actgtttcct	2760
tctaataaag	gtttcaaaaa	aaaaaaaaaa				2789

<210> 5880

<211> 2966

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2836)...(86)

<223> similar to gil702932 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5880

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ttccctcagc	tacagccaac	tgtttcttta	gatccaagag	tttcgccacc	tccgcagcaa	180

cctcggttctt	gtctgccttt	tgtgctttca	gttctcggac	aatgtttcct	tgttttgtca	240
cttcatccat	cagcgcttgt	atctgctgtg	gcttggctgt	tgtaacagtc	tctacaactg	300
ctggcttcgg	ggacgttttt	gectggcccc	ctccaaagcg	ctgccttaaa	ctttcaatct	360
ggtcattttc	caatttttgg	aacaagggac	tgactgtgcc	aatctggtgt	cctgctggta	420
aggtacacag	gaattttgtc	agcaggatac	tgcaggctgg	aggtgggagc	tgcagctggg	480
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ctatattcac	tgccaagcca	gtcactgttc	ctgcccgttg	cctgtcagcc	tcactgcctt	600
taatccgctt	cccagggtct	attcacctgg	aatatattgg	ttgccatgtc	ggagatatgg	660
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actgtcgctt	gccctcaggc	cgaatgtaca	gcaagataga	agcgcgagat	gtcaggaggg	960
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tcctcagctc	ctagggctga	gctaggaaag	actaagctat	ggaaaggaac	attgtctttg	1140
gcccattgaac	tgatacaggt	cgacttgctc	tgggttcggt	ccaccatctc	tcccactggg	1200
ctgtgtagtt	ggctgtgatg	gacagatagc	caatagtggc	atcaaaccag	acatagaata	1260
cccttgtctt	caaaaccttc	ttaaggggta	ccagggttcc	cccaatttga	gggtctcggg	1320
ttattgccag	cgtggctttg	agggccattc	ccggaagcca	aagaacgggg	tgataaactg	1380
ggcattgggt	gtccagtcac	tgccaggcaa	tgtctctccc	aaccactcct	ccagtcgctt	1440
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gcagacttta	cactgaggct	tcttaagctc	gacagcattg	atgagcttgc	cacacttgct	1560
acactgggtca	ccccgagcct	cctcatagcc	acagaaggga	cacacgccct	ccacgaagcg	1620
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caaaacctcg	tttcagcaac	tgtcggaata	tgtcctgggg	tgattttggt	cttgcctggg	1740
agtggtgggt	cgaccaaaaa	tatcaaacga	aatgttaaac	cagcgggtag	atgtcagcat	1800
ggatgatgtg	gtacttgctg	cagatctcct	ggggggttag	tccctcctcc	cagagccttg	1860
gtctctgttg	ctgtaccata	ctcatctgtc	ccacacagat	agagggtgtt	ccactggcgg	1920
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tgggggacat	tgttgacgta	agggagggca	ctgggtgatga	gcacattcct	ttctccagcc	2040
acaggcaaca	ctggattctg	ctggggccgc	agcgggggca	aactttctag	gcccttctcc	2100
caagcagtaa	cagccatagc	aatctcctcc	tcagataggg	tagccagctc	ctcctcctca	2160
ggctcaattg	gtgacagccc	tttcccttca	gcggggctgg	gctggggctg	cttttgagg	2220
taaggcccg	agagccagga	caccttgctt	gtttcagtac	aagtcttctt	gcagcttcgc	2280
tgacatggtt	ccttgggtac	tcagtgtctg	gaaccagctg	tgcagggcac	tcagctcctc	2340
agggaggtag	gcgggatctt	gcagtaatgg	gtatagggtt	ccccacaaaa	caatgtcggc	2400
tagagattct	gtctccccag	ccaggaaagg	acagtttctg	acgactcaag	ctgtggtcaa	2460
tgtgagtcag	ggttctccgc	actgaaccaa	gaacatcttc	cccctttctt	gccttggacc	2520
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ccactgggtta	gtgaggtcat	cttgcctcca	gccagataac	aaaaaaaaaa	tatcggcaga	2640
ttgcactagt	ggagaagagg	tagttgccgc	tatccagctg	caagacaggg	accttaggcc	2700
gggtcaggaa	cgggaccaca	caatcttccg	ggcctacagt	gctgatgagc	acctctgctc	2760
tgccccgggc	tctcccggcg	gcggccagca	ccggcaagca	acccggaacg	ccatcactca	2820
cgaacagtct	catttcgccg	tgaatccctc	gctgatttat	aaagtgcctg	cttttcctgt	2880
gggaattcca	gaatagatat	aatggtgggt	gccaggggct	ggatggaggg	ggatagaaag	2940
ggatagctcc	aaggaggctg	gggtgg				2966

<210> 5881

<211> 842

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (26)...(569)
 <223> similar to gi32472 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5881
 aggggctggg cctggggaga gaggaggctg tagctggggg ctccagcccg cagggcccag 60
 cctgggtgtg tctgtcagct cctgctgagg ctgggcccag gcctcccagc cacgtgtgcc 120
 cagctgtttg taggtccttt gaagggtgtg gtgccagggtg tttgtgcgcc cccgtgtggg 180
 gccgatgaca gctgtgcacc tgggtgtctt gtgtgcctgg ctgccagcgc gtgtgccctg 240
 tgcgctgtgt gtcccgcagg gtccgtgtct gtgggggggt ccatgtgtac aaggggtgtg 300
 tctccaggcc tgtgtctctca cgtgtgcggc cagccccccg cgtgcatgcg gggcagcatt 360
 tatttgcact tgggtgcacat agtagcctgt gaggtagccc aggatgaaga tgatccagaa 420
 gaggggccag cgcgccagca ccttcatggc gatgcccagc ttgcccgtgc acagcctctg 480
 ggagatcctg cggcagcgtg aggcctcttc tgtgtctggac acagccccta ggctgactcc 540
 gtccctgctg ccgtcctccc acctactata gtggacgtgg ctctcctggg gctgcatgct 600
 gtggggctgc agcgggaggg gcggggcctt ctcggtgggg agatcaagac aggtggccag 660
 gctgtggctt caccggagaa ccttgccctga gggctggggc ctctgggcca ggttgcggtc 720
 agggcctggc cagcggcccg cacctcccag cggggcaggt cgtgggctga ggtgcggcag 780
 acgcctcgag cctgtgtccc cgcgtctctg ggctccgcag gggccgaatt ccaccacact 840
 gc 842

<210> 5882
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (596)...(737)
 <223> similar to gi433816 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5882
 gggaggtgct cagtcaagcc tctgagagga gtggggggcg gggcgaggag tctcttgctc 60
 agagcccctt agggactggg acccgttgac tctgagctgc ttttgaggct ggatcaggta 120
 ccagcggcct gggggtcgta caggatggga gaggccgggg cttgggatgt tgccagatct 180
 acgttgaaaa gtgaagcagg aagagaggca ctgaggctgg gcacatgggg aaaaccgtgg 240
 agagccggcc tttggggact agaagagtgg gaacaatggt tgacaaatgg tgagtgtggg 300
 gtagaacagc agtaacacaa taccaggatc cacagagtgg ccagggccag agtggggaga 360
 aggaacagga ctctgcagat ggggagggtg aggggctggg tggcgtgaag ggtggttgca 420
 gaattcgggg agggcagcta gcctgtgacc caggttccaa gggcactgag gtctgggcca 480
 ggccgcttgg aggcaccaga gcctcagagg aggggtgggg tagaggaacg gatccagcat 540
 ggtgtccccc ttggccacca gagggagttt tctaaatttg agcatggctc atcgtgtgctt 600
 gaaattctac gtcacagtgt ggcctgcatt gaggagggcc cacacctgtc gctacctcag 660
 actcacctgc cacctgcctc aagtgcattg gagagaacag gaaaccagaa attgtcagga 720

tcgaggatta tgggaaaaga gtaaaagcct agctgtcaga tctgaggttc caccaaggag 780
 cactgatggg tgcttctcat taggaagg 808

<210> 5883
 <211> 704
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (86)...(507)
 <223> similar to gi200543 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5883
 agcgtggtgg aattcccgcg ggtaaggccc tccctagacc ctttatacct actttacett 60
 tcggaggtca agacacctcc tgttgccgcc tctctgcccacacacaggc gccccccgca 120
 cgggtaccaa gcttgactaa cgccctctag ggggtgtgtgg tgggacttga aatcctccct 180
 taatgaagtc acaccttctc cgtccgcttc cacccggtcg gcccatggca gagcccccatt 240
 gtagcccagg aatcgggttg gcccttcggg gaggtcagcg tcttactat cccactctc 300
 cagtgcggca cattcgttcc ctaggactc cgcccggttg ccggccccag gcggtgcttc 360
 tccccaccac cgcccagctc agctcagccc agcccagccc actctgccct tagaggccct 420
 tctccccaaa gacgcactcc agaagtctcg cctcgtgcg gctgaggagc ctgggatccc 480
 agacctgaac aaggtgagca tccctatatt ttagccaga aagatctgtg tggtcactt 540
 gccggcctcg ttctgtcaca cagagtccag atttagcctt gagttttcct agtgaaagac 600
 agaccctggt atcactatga cctcctcag gctttcttac cccgcctcag aaagcagtga 660
 ggtgtctgct ttctcccagg gcttctttag ataggggtct taac 704

<210> 5884
 <211> 898
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (616)...(226)
 <223> similar to gi159167 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5884
 agtcgggcag cctcccagat ctctgacaac ttacaagct gcaggggaga ccagcgataa 60
 ccctgaaacc tccccatgta acccccaggc cgctggccag accaagagca gctgccacat 120
 caggctggtg ccagcagtcg ctgctgcca cactgcccc ccaccaggcc actgaatgag 180

gcagctggga	gaggcaggaa	gaggggcttc	aggctgaatt	cttgatttga	cccttcttgg	240
cccttttgc	tgggagacct	ggaactgaag	ggcatggaac	cccccttga	ccctgtgggc	300
aggaaaactg	ctccccttgt	ccctgcctgg	gggtaggaca	gataaggctg	ctcgtcctgc	360
ggcggccccc	cagccacact	gcttctctatc	cgtttctctgc	aggatggtgc	ccccctgcac	420
ccctcaccca	ttgctcacgg	aaggaaaagc	agacgtggcc	agcctgcac	ctctgccttc	480
cctgagcctc	ctggcctggc	tggccacagc	tggcatggac	gccatcagca	ggctccgtgc	540
aggcggacgg	ggcagccccc	acagccaggg	cacctggcc	ctcactcacc	agcacccttt	600
tgttcttttc	ctagcaaaat	atgcaaagt	tgaccagtgt	ggaaacccaa	aggtgagtgg	660
gttccggctg	caagccacca	aggcttcagc	tttgggggtg	ggcaggggtg	tctctgcact	720
gcttgggggtg	gcaggtctgg	tgcccgccca	gctggggttg	caacgtggct	caaggtggca	780
tggatgcctc	aggacggccc	cttgcttcca	gccaaagccc	tgccagggcc	tggaggggaa	840
gagagtctgg	gtgggttggg	gtgagggaga	ggcatctggc	ttgagagcag	ttcccagg	898

<210> 5885

<211> 1273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (395)...(1076)

<223> similar to gil63132 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5885

taaggaggag	agaccaaag	ggaggcctga	actctcaaac	tccgaatctg	attttcactc	60
tcccaggaag	gcttcggaaa	tactgtgga	ttgtcaatac	aggagtccat	actgactgaa	120
tccctaattt	tggcctgtat	tcttctccct	ctgtgaacca	tcttcttaga	agtcactgaa	180
ccaagagtgc	cagaaaacca	tcccaagact	cacacagagt	tgttcttcca	tagtggtagt	240
tttggccact	ggacatcaga	accacatttt	gggtttgaag	aatcttctac	atgtgagaa	300
agtggaaactc	cagagacact	cctgaaattg	tcctaagtca	aaggagccaa	acggtgtacg	360
agctccctct	ctgccgtccc	ctctgagagc	agccatggcc	ctgagtgatg	tcgatgtgaa	420
aaagcagatt	aagcacatga	tggctttcat	tgagcaggaa	gccaatgaga	aagcagagga	480
aatcgatgcc	aaggctgagg	aagagttaa	cattgagaaa	ggacgcctcg	tgcaaaccga	540
acgactgaag	attatggagt	attatgagaa	aaaggagaag	cagatagagc	agcagaagaa	600
aatcctgatg	tccaccatga	ggaatcaggc	gaggctgaaa	gtcctgagag	cccgaatga	660
cctcatctca	gatttgctca	gtgaggcgaa	gctgagactc	agcaggattg	tggaggaccc	720
agaggtctac	caggggctgc	tggataaact	ggtgtctccag	ggtctgtccc	gactgctgga	780
acctgtgatg	attgtacgct	gccggccccc	aagacctcct	cctgggtggag	gctgctgtac	840
aaaaagccat	ccccgagtac	atgacaattt	cccagaaaca	tgtggagggtc	ccagattgat	900
aaagaggcat	aactggctgt	ggaatgcagc	tgggaggtgt	gggaggtcta	cagtggcaat	960
cagagaataa	aggtttcaaa	taccttggaa	agccgactgg	atctctcagc	caagcaaaag	1020
atgccagaaa	tacgaatggc	cttgtttggt	gctaaccacca	acagaaagtt	ctttatataa	1080
gcctctggga	agtgaagcta	gtgttgaaac	actaaaccat	aaaagtttaa	gttttttggg	1140
gaaaggaac	tagtagtggt	tcctcctctt	tgatgctctg	atactgttct	gtttttcttc	1200
acgaaatacc	ctttggatag	ctaaagtgtt	aactttgaaa	taaagcccga	aatataatgct	1260
cagaaaaaaa	aaa					1273

<210> 5886
 <211> 2966
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2967)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (23)...(2020)
 <223> similar to gil781037 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5886

gaaaagagga	cttattgttg	tcatggccca	tgagatgatt	ggaactcaaa	ttgttactga	60
gaggggggtg	gctctgctgg	aaagtggaa	ggaaaaagt	ctgctaattg	atagccggcc	120
atttgtggaa	tacaatacat	cccacatttt	ggaagccatt	aatatcaact	gctccaagct	180
tatgaagcga	agggttgca	aggacaaagt	gttaattaca	gagctcatcc	agcattcagc	240
gaaacataag	gttgacattg	attgcagtc	gaaggttgta	gtttacgata	aaagctccca	300
agatgttgcc	tctctctctt	cagactgttt	tctcactgta	cttctgggta	aactggagaa	360
gagcttcaac	tctgttcacc	tgcttgccag	tgggtttgct	gagttctctc	gttgtttccc	420
tggcctctgt	gaaggaaaat	ccactctagt	ccctacctgc	atttctcagc	cttgcttacc	480
tggtgccaac	attggggcaa	cccgaattct	tcccaatctt	tatcttgggt	gccagcgaga	540
tgctctcaac	aaggagctga	tgccagcaga	tgggattggt	tatgtgttaa	atgccagcaa	600
tacctgtcca	aagcctgact	ttatccccga	gtctcatttc	ctgcgtgtgc	ctgtgaatga	660
cagcttttgt	gagaaaattt	tgccgtgggt	ggacaaatca	gtagatttca	ttgagaaagc	720
aaaagcctcc	aatggatgtg	ttctagtgc	ctgtttagct	gggatctccc	gctccgccac	780
catcgctatc	gcctacatca	tgaagaggat	ggacatgtct	ttagatgaag	cttacagatt	840
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gtgcacctg	gagaagccaa	atgaacctgt	ccctgctgtc	tcagaggggtg	gacagaaaag	1020
cgagacgccc	ctcagtcacc	cctgtgccga	ctctgtctac	tcagaggcag	caggacaaaag	1080
gcccgtgcat	cccgcagcgc	tgcccagcgt	gcccagcgtg	cagccgtcgc	tgtagagga	1140
cagcccgtg	gtcagggcgc	tcagtgggct	gcacctgtcc	gcagacaggc	tggaagacag	1200
caataagctc	aagcgttcc	tctctctgga	tatcaaata	gtttcatatt	cagccagcat	1260
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cgccaggcct	tcagacagcc	agagcaagcg	attgcattcg	gtcagaacca	gcagcagtg	1500
caccgcccag	aggtcccttt	tatctccact	gcacgaagt	gggagcgtgg	aggacaatta	1560
ccacaccagc	ttccttttcg	gcctttccac	cagccagcag	cacctcacga	agtctgctgg	1620
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cggaggcagt	gccagttact	ctgcctacag	ctgcagccag	ctgcccactt	gcggagacca	1800
agtctattct	gtgcgcaggc	ggcagaagcc	aagtgcagaa	gctgactcgc	ggcggagctg	1860
gcatgaagag	agcccctttg	aaaagcagtt	taaacgcaga	agctgccaaa	tggaatttgg	1920
agagagcatc	atgtcagaga	acaggtcacg	ggaagagctg	gggaaagtgg	gcagtcagtc	1980
tagcttttcg	ggcagcatgg	aaatcattga	ggtctcctga	gaagaaagac	acttgtgact	2040
tctatagaca	attttttttt	cttgttcaca	aaaaaattcc	ctgtaaatct	gaaatatata	2100

tatgtacata	catatatatt	tttggaaaat	ggagctatgg	tgtaaaagca	acaggtggat	2160
caaccagtt	gttactctct	taacatctgc	at ttgagaga	tcagctaata	cttctctcaa	2220
caaaaatgga	agggcagatg	ctagaatccc	ccctagacgg	aggaaaacca	ttttattcag	2280
tgaattacac	atcctcttgt	tcttaaaaaa	gcaagtgtct	ttggtgttgg	aggacaaaat	2340
cccctacat	tttcacgttg	tgtactaag	agatctcaa	tattagtctt	tgtccggacc	2400
cttccatagt	acaccttagc	gctgagactg	agccagcttg	ggggtcaggt	aggtagaccc	2460
tgttagggac	agagcctagt	ggtaaatacca	agagaaatga	tcctatccaa	agctgattca	2520
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tgaaccacca	ggaacctggc	aacatcacga	tttaagctaa	ggttgggagg	ctaacgagtc	2880
tacctccctc	tttgtaaatac	aaagaattgt	ttnaaatggg	attgtcaatc	ctttaataaa	2940
agatgaactt	ggtttcaaaa	aaaaaa				2966

<210> 5887

<211> 2408

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2409)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2240)...(835)

<223> similar to gil850772 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5887

tttttttttt	ttcatttagc	aaagttttta	ttcaaaagct	tctcagcacc	atctagttat	60
cagaaagaat	ggatatcacc	ttttcctgcc	cacccaatcc	ccagttccac	aggcagaagt	120
taaaccatt	tggttagagt	tcccccta	gattatgact	gagaccatga	taagattttg	180
gttgttctca	cccaactgtc	tctaagcctc	tactcaaacc	tgactcaagc	agagatgtgc	240
acacccaca	gttcagaaca	ggaaggaatc	atgtcagatc	tgatcaacct	cccattcttg	300
ggctattaga	ggcacaagaa	attaccttga	aaaaatggaa	ttcagtgact	gccatctagg	360
aaagacagt	atactgtcca	gcagcatgca	gttccgagag	ctcaactctt	aggccaccct	420
ccctccactc	tactctagga	acaaggagca	ttaggtctgt	tttctctcca	tacacctcaa	480
tcgctcgtcc	tctcgtctta	ttaaaacaca	gacacagaac	caaacttttt	gacagttaaa	540
gacaaacaat	tacatcta	taaaatgcta	agagatccctg	agctgttaga	gatgaggaga	600
gtagatagta	tgacctgatc	ttccccctc	ttttttttcc	tttaacagta	ttctgtttca	660
gcataaagca	cactttctga	agaggttctt	ggtggagact	ggaaaatctt	ggacttgtgt	720
cctgtggcaa	acaacacaag	tccccttgca	taactttggc	ttcagtcctt	ggatctgtcc	780
tttgcaagct	acgtcaggtt	ccatggaagg	aaggaaaagag	ctggagggca	gtatcactca	840
gccaaagctc	ccatggggtc	ccatgctggc	aggacaaatg	ggttcctgc	tcctaacaca	900
gctagcacct	cttccaggga	catgcttctt	gtcccaccaa	ccacttcgta	gacatactca	960
agagacccaa	ctcaatctgt	catgcacagg	taaccttttg	tggccatggt	cttcacccca	1020

ttgaaattct	ccaactctcc	cattttgtga	aaagcaccat	ccctgaatca	tcccggctct	1080
gagcacagca	gtgaagggtca	tgggtgtgggt	cataacgtga	ctcaccaaaa	gtcacgcctc	1140
tccgctttat	tcatgttctt	caaggagaca	ccaaacacta	actcatgggtc	atagagattc	1200
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aaagtttgtt	gtacttgtgc	tggggcctag	ggtcattcac	taaaacaaatc	ttatcttcca	1440
tattgaagag	tggcttgaca	tgttnccctt	gtaaaactcc	aagggtgttc	atggggccaa	1500
ttttctgata	atttttatct	ttgtctcgat	attcccaggt	gaatgtctct	ggtggattac	1560
ctcttcagat	gcgccaccat	tgcgaagtat	ctctccatc	atgacgtcct	gtgtggccga	1620
gattttctct	ttcgttgctc	cactgtgtac	caggttccgc	agtcgtatac	agaattctct	1680
catcttgtga	ttcagaatat	cattcatcct	tctggttgcc	tctgttgtat	aagattcagg	1740
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gccaccatca	tttgagggt	tcataagcaa	aaactgcacc	agcctcccat	cctcagggtc	1860
ctttctctgg	gctgtgtcca	caaaagcact	caagaagaaa	taacagcggt	caaccttgtc	1920
ccaaaaaac	aggtaagatt	ggctaaactc	aaattcttca	atatttaact	ttttcatgaa	1980
tggaagcctc	ataacattca	gacaagaaaa	gatccagcat	cgccttgagc	tcttctgggt	2040
ggtgattggc	ttgccctcct	ggggcacggc	gtgctggaac	acatgctgcg	cgcgctgcac	2100
cgtggcccg	ttcagacaga	tgtccagcag	gtcgtgggtg	gtcccacat	tctgggcaag	2160
tacgaactgg	gggtcggaat	tcagtttctg	tatcagagca	gtaccttct	ccgaattcag	2220
tcccagctg	ctcatggcgc	ccacgtgccc	cggcggggta	acggtagctt	ccagggtcct	2280
tgggcgagcg	cgggattgc	gctgcggctc	gctgcctagg	gggcccagcc	tgtctctcgc	2340
acccggagcg	ccggaaaaag	gaaaccggct	cggcggcggc	ggcggcggcg	gcggcgggga	2400
ggctgagg						2408

<210> 5888

<211> 4369

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4370)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3923)...(391)

<223> similar to gi532056 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5888

tttttttttt	tttaagatag	aaatctatgc	actttaatga	ttgccagaat	tgcccagcat	60
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gcaaaccgga	cagaccgggg	cagggcaagg	cccttgaaac	caagtcctcc	ttgagcacct	180
ttcccagggt	agaaaccctt	cttcagcctg	tgttccgcac	gtttccttca	gcgtgccgcc	240
cattcagact	gcgccaactt	acgtccccag	tgcccacgcc	tgngtggatc	aagtgtccaa	300
cgggaaagta	tgagttaggg	caagcgcttt	ttttttaagc	tgtaaacgct	tcacatgact	360
gggccccgta	aggaaattgt	ggggagctta	ggatgagcct	gggagctttt	tcagggaactt	420
ggatgaggac	tctgtacaca	aatgtgtact	ggcagagagt	ctgcaccagc	atcattctct	480

gttgccctca	gcattgtccag	cactctcggg	atgtccagca	cctcattgtg	ttccaggcag	540
gcgatcatga	tctccgacaa	aatcaccacg	ccagtccttc	ctaccccagc	actgcagtgg	600
accaacaacg	gaggggttggg	gcttttgggga	tcacttgtgc	tatttgtatg	gcgtcgaaca	660
gactggatct	cttcaagata	tgataaaaaat	cccttgaggt	cttctggaca	gccatgttca	720
ggccagtctg	tgtattggag	gtgccagacg	gtcctctctt	gcccggtaag	gaggtgcttc	780
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gttcgcgatg	caccaggccc	ctgttgagct	gcttcatcac	agtctcatag	tctgggggtg	2580
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ggatccgggc	aaccaggcaa	ctcttgctgg	acaccgtgta	gcgcggggtg	cgtttcagtt	3900

tcaacccaaa	tggcagtggc	atcttcttct	ttcttcaaga	atggaggagc	aaagagggaa	3960
aagctacccc	caccaaccca	gcgctggtga	cgccaggaga	aagcgatcct	ctccggatgg	4020
gacgaacact	gtccggcctc	cagctgctca	cccagcagcc	gctgccgcca	ttaaaaagca	4080
acggagtctc	caatggcccc	aggaaggagg	cattgacgcc	agcgactag	aagagtggca	4140
gttctgaaaa	tccagacccc	ggcccctctc	caggggtggg	acgccccaac	aggccttcac	4200
ttaagcggag	ccgcgcccca	gaaggggagg	cgggcgaggt	cttccacgcc	atcctgagtt	4260
aatgagcggc	cggaggcaac	aaacccaaga	agcccacggg	gccttggagc	actcaggccc	4320
cggcttctcc	cgcgtcctcc	ccttggaag	agcacgcggc	gttacgaaa		4369

<210> 5889

<211> 1976

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (768)...(1303)

<223> similar to gil843401 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5889

cagcctgggc	gcgtccatcg	tcgagtacct	tctcctctgc	ctccccctcc	ctctgcttct	60
atctctctcc	aattgccctc	cctggcctgc	ggccgcccgg	tctccttcc	cagcccagtg	120
cagccaggca	cccgggttcg	gcttgctcag	gtctctgtcc	gggactggga	agccacggag	180
ggccgggaaa	gtggcacact	cctggagctc	aagcttecta	ctctctcatc	gctgaataac	240
taccgggcag	gactgggtgg	aacagacagc	atatttaggt	cattgatggg	ctgctgggtg	300
gatggagctg	gaaagtgatg	ggcactgctt	tctggggctg	cccagggttc	ttccgagggc	360
tcgcttttcc	tgggcagagc	gggaaagagg	aggggcaggc	cggtcgcgaa	acgcaaatag	420
tcgagaatag	cgatccgggg	agaagcaggt	gtctgtgggg	cccaagagaa	gtaccatctc	480
gttaaaaatt	cagattgaac	tatcttacia	atggctccca	gaagatccac	tccctgtggg	540
aacacagcag	ttgtggaagt	gaagacagga	ctggacccag	aataagggtt	caaatatgtg	600
gggaaatctg	acctctaaat	tcttataagt	cagagagtga	ctgaacaaca	gcagtgaagc	660
atcgaagagt	tttaatatct	gctgtaaacc	ttggcacaga	tcatttactt	ctctaagact	720
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aagcctgagc	attccctata	gccagagaag	gaggcccaac	acctaacata	gccttggatg	840
cagaactgat	agaacttggg	gaaagtgatg	aagtagttga	cctcacctgt	gaatctctag	900
cacctgtagt	gattgacctt	actcacctgt	actctgtagt	gattattgaa	caaaggagga	960
ggccaagagc	aaacacaagg	ccactccaag	accacactgg	cagttgtgtg	gtgaacaatg	1020
atgaggaggg	agtgaagaag	gacagagatg	tatgtataac	caacagtgcc	caccataatt	1080
ccctgcaaaa	aaattttttt	tgtcatatac	tacctgggta	tattcagtg	caagtttgca	1140
tggatggatg	ctcagagatt	gaacttagta	tacaacacat	ctactctata	gaatgtggcc	1200
acatctgtag	tcagtgtctc	tgcacttctc	ttacacatac	taacactgcc	cagtttggtt	1260
gaaaaaaatc	agcctccatc	agtatcactg	cagttatata	tgatgtatgc	cttattgctc	1320
aagacagatc	ctgtggctgg	atctttccat	gtctttgtgc	aggaaactatg	ggttgttggc	1380
atccaatgct	ctgagcttaa	aaatactgat	ttttaaaatt	gctatctgca	gtatataaga	1440
aactctttga	tttctcatat	gctctgagac	tgtttttgt	ttcctttgg	tttatgcttc	1500
agctctggac	ttcagttgcc	agagtgtgcc	agatactggg	gtcgtcctta	aagcaacttt	1560
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taaagacaac	accctagaga	tgggtgaagta	agttgtaaac	taaaatccta	agccccctaa	1680
ttgactgaat	ggaaccctc	ttgaccaaag	tgacccca	aaaaccttaa	aactgagttc	1740

ctggccatga	cgggatggga	ggtcagacac	gcttcattat	atctccgtct	cttttatggt	1800
ttagacacag	caactgacca	gcattaatgt	caaaataaag	atcataaggc	tgacagaata	1860
gaccctttgt	ggcaataaca	aattattcgt	aagatctaag	gtcatgccag	gcaagtgtta	1920
tgcatgcac	tcctacactt	taaaggaata	aacctatggt	cctaactgcc	acaaga	1976

<210> 5890
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (423)...(65)
 <223> similar to gi19923 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5890						
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gggcgcgag	ggctctcccc	ggggcgagg	gacacagagg	gattctaggg	aacctgccgt	120
cgcgagtc	gcttcaggcg	gagaatctag	gcgcgcgcg	ggcctccctg	aggcgaggga	180
gtcggcaccg	gggcctggct	gccggggaag	gagagcacgg	gagcggggac	tcctgtgtct	240
ggcgaggga	cacggcggtc	cggtggagg	atctgttcct	tgtacctggt	ccagggttgc	300
ggtcggggat	ggagcggtta	ccccgacct	gcgggacctt	cttcctctgg	cggaggtgca	360
cggcgcgcg	tggagttttt	ctggcggaag	tatctgtg	tggccccagg	cccttcccgg	420
cgcggtctca	tctggggcca	cttggtggcc	ctcgcggttg	ggaggttcat	gtggtgcac	480
ctgatgagaa	ggggggtcac	aggggtctcg	gggccagggt	tcagccagcc	aggccccagc	540
ttgctctctt	ctggtgctgc	ccctgtccct	gaattcatag	acccggcttt	ccctctcnnn	600
nnnnnnnnnn	nnnnnnnnnn	ntgcgctttg	cgcatgtagc	agaggcaaca	gtgtcacctg	660
ggaagctggt	ttcccccaaa	ggaactcttg	tctgtccgtt	gttgagagc	cagcgca	717

<210> 5891
 <211> 699
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (313)...(51)
 <223> similar to gi3883128 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5891
tttcgtatca gttttctect cttttcttcc cgcgatcgcg cggctctctg gaagccttcc 60
cactctatta ttgccgagga tccccctect agacactctg agaaggtgcc gctccggcct 120
tggttacggc ggtacccgga tgtggagtcg ctctcgcccg gctgggactc tgtggcgggg 180
cggagcgcg cggctggtgc gggggcagag agaagggggc cccgatgagt aactcccgga 240
ataaccgggt gatggtggaa ggggttggcg ctcggtagt gcgcggcccg gactggaagt 300
gggggaagca ggacggcggc gagggccatg tgggcaccgt ccggagcttc gagagccccg 360
aggaggtggt ggtagtgtgg gacaacggca cagctgcca ctaccgctgc tccggggctt 420
acgacctccg catcctggac agcgcgccca ccggttaagc gcggccacct ggccagggt 480
tgcgcgcgcg gggggaaggg gcgagctgcg gtgggcgtcg gtgtcgcggg gagaggtctg 540
cagtgggaca cctggtgggc agcgcccggc tggagcgagc ggaaaggcaa agcgccaaag 600
gaattctagg ttccgaacgg gtgaacaaac actttcagaa aagaccctct acccccaagg 660
gaaatgatgg cagcaccatc accgggatgc tttcaagcc 699

```

<210> 5892

<211> 1967

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1858)...(782)

<223> similar to gi3875351 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5892
ttttaaatca atagataaac atgatttatt actttgtcta tttaaagtagt ttcaacacaa 60
ttgaagttta agctgcactg ggctgttccc atcacagtcc aggattatgc acagaccagc 120
ccccaacccc agcaggggtg ccctgccaga acctgtgctg gatgcctagg agcacagaga 180
ccactgcccc ttgttgggct gcgtgtgcac aattcatacc ccgatccata atccctaaga 240
caagaatggc tgtcattgcc ctgggttcac tttctattca aagaggactc atttgggcac 300
agccaatgta gtagttaaaa tgcattttga gaaaaaataa atattctgta caatgtattt 360
acaaggatca aatgttttgt aaccaccccc caattagttt cccaattggg aaactataat 420
ttgataatta agaagccata ttattggccg ttagtgtcac gtcaacaaag aatgtggagc 480
tgaccaccta aagtattttt gaactatata tatagagaga gagagagtac gcaaaatttc 540
acattttaat atgcttagaa ggagttttta aagaagtaga aatgatttcc ttggcctctg 600
actttcagtg atgaaaatgc aaccatgcag tcccccttt gcagaagggc agttcttccc 660
aggctttctg gaagcagggg cttccgagga gtctccaccc acctcacaga aactcacta 720
tgagccctgc acagacagca ggattcacia tctccaatag ggatggcagg ggcagccctt 780
aaaacttgaa gaggtcgatg aagtgtctgc gagacacagg cgtgaagcag ctgtcagggt 840
cggccgcggt gcaggggtgt cctgagtcct tccaaaagag aatgtctgcag tgccgacaga 900
aatgcagtgt gtctccgtac tgctccttcg ctgggtaatg tttctgaagt gcaaagtaca 960
tcaacttcca ttcaatatga cttttttctg aaaggatcaa atgtctacaa aactgctttt 1020
cagcaaaatg gtactgacaa agcttcttcc acagctgtct gtcttacta agcatatata 1080
acgtgggggt cacctggcct aaggtgatga tgtcccatcc gtctgagaac cggatatagga 1140
tgttggtcag catgtgcaga ggaaggtcac tgagggtgag gccattgttc acttgcttag 1200
tcactgaag atcctgtagc tgttggtgac aggcgagaat agtttctaata cggcaaatcc 1260

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aaatattgat	gtttccact	aatacagact	tcctactcc	tctaataaga	atgcagaggg	1320
tagagcttag	gtcttgca	agatcttga	ttaagcgagg	attgtggtgg	tcatcaagaa	1380
ccttttgaac	gattttatcc	aaaatgttga	agtaattctt	ctgtgccacg	ccactcaatg	1440
aagttaactg	ggattttgca	attagctgca	acagtttgac	cacataattg	aaccttcgga	1500
tatcttgaat	tgcacttgag	aagtctaacc	gattaaaggc	ttctcccaag	gtgcaatagc	1560
catgcctttc	ctttgtgctt	tctttatgga	catagatcca	tttttcacga	taaaaacttt	1620
gagtatttgt	gtcatttcta	aaatggctct	ttttcctttt	tttcgatgca	tattcatgct	1680
cttcattatt	gaatatttct	ccatcttcac	tatttaagat	aatgctgtga	ctgatgttac	1740
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ctgtcttaat	ccaactccat	ccaggagatc	tccagtcctg	acccaaaaat	ggcatagttc	1860
tcctagcgcg	cctgcgggcc	ccagtcttca	cctgacgcgc	ccgcgtcccc	cagtgcccaa	1920
cgggcgcgcg	ggccacctgg	gcccgcacct	gacggcgacc	aggcggt		1967

<210> 5893

<211> 1086

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (786)...(360)

<223> similar to gi4033606 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5893						
aatacactgc	tggggtggca	atctgccaa	ggccccgaggg	caacactcct	ttacataaa	60
tgaaaaagat	ggcaaccaca	cttctgctga	atacagaggt	ggagcatagg	gtaatgcaag	120
tccaaacaag	cttcttgctg	ggctggctcc	ccagtcttgc	ttagagaatg	tgagctgccc	180
ttctgtgctg	cgttcagcct	gaccaccct	gctctgcact	aataatgaat	aagcttcgtc	240
cctatctttc	cctagcctgg	caggccattg	taaaacttta	tgcataagag	tcacacttta	300
gattttgtac	cctacacact	tccactgaag	cagaaataca	aaagccacaa	taatctcaat	360
agccagcagg	cattcctctt	tagggactgt	aagggtggtg	cttttcaaaa	ggtggatagt	420
aggggtggaga	gtaacggggc	ggtgcacttg	aggaccacat	gtagctgggt	gagggagagg	480
cagactgggg	ctcatcagaa	agtccagagg	gaggggagga	tggaaagaca	ccggaatgct	540
gaaagtcata	agcagaatat	ggtggcaggt	gaggagggct	atggtagtag	gtattgtagg	600
atgccacttg	gggatgagca	tagtaagaaa	ctgttggtatg	ggtattttca	acagaacagt	660
tcagtgtctg	gagagtggg	ttcatgtcct	taaagcctcc	aaggacagcg	gcagtgatga	720
tgcccaggaa	caggccaaca	atgttgagga	tggtggcaga	ccagagcagg	tggtagaggt	780
ggatgatatc	ttggcaactg	ctgacatcga	tgtattcgta	gtaccacca	gtgatctcca	840
cccggttgcc	acagttgtag	aggtcacagc	agaagcaggt	gttgccccgg	atgcgaggtg	900
tgcagaattc	acggctgagg	tgagggcagt	taacctctct	agctgcctgg	gtaaggttcc	960
tcataaccct	cgtggaagga	gaatttttgg	ttgaggaact	tatgacctcc	tcagcttctc	1020
tctgtgatgt	cttggaaca	taatggcacc	gggtagcgta	gagtggtttc	agatcaatgt	1080
gtctgg						1086

<210> 5894

<211> 675
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (169)...(502)
 <223> similar to gil68455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5894

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tcctaacacc	cgctcgcgct	ccctccactc	ccagaccccg	tcctaacacc	cgctcgcgct	180
ccctccactc	ccagaccccg	tcctaacacc	cgctcgact	ccctccgctc	ccaggcccgg	240
cctaaccacc	gctcgcccca	gaccccgctc	taacacccgc	tcacactccc	tccactccca	300
ggccccatgc	atgccttggg	agcccagccc	ttctcgtagg	gcagatctca	gcactcacca	360
ggcgccctgc	tctcccacct	agtgggccct	ttctgactg	cactgcccac	caggagcctc	420
caggggccctc	ccgctgcctt	tgtggctgcc	agagtccctg	tccccttget	ttgtctcctg	480
ctgtctccct	ccactcccaa	acctttacct	atgggtgtga	tttcatcccc	aggaggggaag	540
caccagggaa	gcacatagcc	caagtgtcat	ggagcccagg	cctcagggtc	cgtatggagc	600
ctgtgctcag	gactgcagag	gcagtgcgtg	gccaccttgc	cgtggagcag	gcctgggctc	660
cccgggtgag	gtcct					675

<210> 5895
 <211> 2000
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (358)...(1389)
 <223> similar to gi3878668 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5895

cgggctgggg	gaggggagcg	tggggccgac	agttttgggg	gtgaaaaggc	aaaaggcggg	60
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agtcacgacc	tccagcacag	gatgtggtac	cacagattgt	cccacctaca	cagcaggctt	180
caggacttgc	tgaagggagg	agtcatatat	ccggcccttc	cacagcccaa	cttcaaaagc	240
ttacttcctt	tagctgtcca	ttggcaccat	acagcctcca	agtctctgac	ttgtgcttgg	300
cagcaacatg	aagatcattt	tgagctgaaa	tatgctaata	ccgtgatgag	ctttgattac	360
gtctggcttc	gagaccactg	ccgctcagca	tcgtgctaca	actctaagac	tcaccagcgc	420
agcctggata	ctgccagtgt	ggatttatgt	atcaagccaa	agaccattcg	tctggatgag	480
accacactct	ttttcacttg	gccagatggt	catgtgacta	aatatgattt	gaattggctg	540
gtgaaaaaca	gctatgaagg	gcagaaacaa	aaagtcatcc	agcctagaat	actatggaat	600
gctgaaatct	accagcaagc	ccaagttcca	tcggtagatt	gccagagctt	cttagaaacc	660

aacgagggac	tgaagaagtt	tctgcaaaac	tttctgctct	atggaattgc	attcgtagaa	720
aatgtccctc	ccactcaaga	gcacacagag	aagttggcag	aaaggatcag	cttaatcaga	780
gaaaccattt	atgggaggat	gtggtatttc	acttcagact	tctccagagg	tgacactgcg	840
tacaccaagc	tagctctgga	tcggcacact	gacactacct	attttcaaga	gccctgtggc	900
attcaagtgt	ttcattgtct	taaacatgaa	ggaactggtg	gcaggacact	gctagtagat	960
ggattctatg	cagcagaaca	ggtacttcaa	aaggcacctg	aggaatttga	actcctcagt	1020
aaaagtgcc	ttgaagcatg	aatatattga	agatgttgg	gaatgtcacc	aaccacatga	1080
ttgggattgg	gcccagtctt	aaatatctac	ccatggaata	aagagctgta	tttgatcagg	1140
tacaacaact	atgaccgggc	tgtcatcaat	accgttcctt	atgatgtcgt	ccatcgctgg	1200
tatacagcac	accggactct	aacgatagag	ttgaggagac	ctgagaatga	gttttgggtc	1260
aaactaaagc	ctggcagggg	cctatttata	gacaactggc	gtgtcctaca	tggcagggaa	1320
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tggcaccctg	gctaccagaa	tttcatatgg	gcagaataat	attgtgtcaa	actctacttc	1500
agattgtctc	cttatcccat	cccacaaaac	agaatctgtc	cgtttctcta	gtaagggaga	1560
cttggtggag	aggcgggact	ctgagttatc	taatgtcaga	catctagtgg	ggcagctctc	1620
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cagtctcctt	cagaaatata	atctccatat	tgataggaaa	gcaataattg	ccatgaggta	1740
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ctgataaagc	aacaatttgc	aaaatgtttg	gtcttaggac	accttaacac	tcttaaaagt	1860
tattgaaggc	ccaagggagt	tcttgggtgt	gggttctatc	tattgatact	aactatttta	1920
ggtattaaga	ctgagaaata	aataaagctc	aagaagaaca	cagaagccct	gtattgcggc	1980
cgggcagagg	ataccagcag					2000

<210> 5896

<211> 3775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2313)...(1507)

<223> similar to gi5542020 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5896

aaatgtgaat	tttatgaact	aaataaatat	ttggaaaatt	agcgtgcttt	aaaagggcaa	60
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ggaaaaataaa	acacatacaa	ctttcaaaaa	agacaggtgg	tgtatgccct	aatatattaaa	180
ttgctcatta	aaggaagtgg	atacaagcat	taagatgaat	catagcttca	gtcaagaggc	240
tccacatata	taggctgccc	cggctccctc	tcctaaatca	tagacatcgt	atgtagtacc	300
accttctacc	aatttgattt	tagaattagt	aactgacaca	aagcattcta	ggacagacgc	360
catactatta	tctcccacat	tgacatttat	taataacatt	tctggcaaaa	acaagtaaca	420
agttcaataa	ctgaattcac	atcaacaggt	ttcattttga	tccattagcc	aatttggaaa	480
aaagccatat	tgatcaaagg	gattaaaatt	aaaaagcacc	ttttccttgc	tacatataga	540
ttcttttaac	taaaactcca	agcagggatc	agatacaaaa	cccaactgca	ggattgtttt	600
tattgactat	gacatggact	tgttgcttac	atttttttta	agtcattcatt	tatacagtta	660
tttaaaactct	attgggcaga	aaactgaaaa	tacaattgtg	agaattatac	tccatagtaa	720
atacctatgt	acttaatact	gaattcttgt	gtcactgaga	accttaaccc	tactctaaga	780
catcttgcca	taacctgcaa	ctatcaattt	tttgagaca	tttttggtat	ttcgggtcaag	840

tgctgaaggg	gttttactcc	aaaatctagg	gctagaattc	agcttccaac	actctcatac	900
ccaggtaaca	caattatgaa	tattcagaaa	tcaatacctc	ttagatcatc	aatgtttcag	960
agctatgcct	gataaatgac	at ttgaaaaa	taataatata	gaaataatta	gctgaattta	1020
tactcctgaa	gccatttcat	cttttaggctt	tatattttaca	gtgttggtcca	ggaggaacta	1080
aagaaaaaag	ttacactaat	tatttgtcaa	gctctattcc	agatgtctgc	ttaagacttg	1140
cagtttacgc	agagggtgaac	cattatcctc	taaaattaca	ccacactact	tcttgtagaa	1200
ctaatagtaa	aatacatcaa	cccaaactct	atgaaggcag	cacatcttta	ggagtaacta	1260
gtatataaaa	agtatcaaca	tcaagtgttt	gaatataaaa	at ttat tttt	aagtcaaagt	1320
atgcaacaaa	taaacctaca	gaaaacattt	tcccatcaca	atctgttgct	ttaccaataa	1380
atattttgaa	aacacattcc	ttcagtcatt	ataaagttct	taaaatacaa	aagaaattaa	1440
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gctttcagta	catcccacgc	catccacctc	cactcatgcc	gccttgccca	tagtaacctc	1560
cactgcctcc	accaccacgg	ccataaccac	ccaaaccatc	aggagtacca	tatcctccac	1620
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aattcaagaa	gagttcaata	tatcgatggt	gcatgttatt	tttatcttta	gacatggcag	1800
ctactgcac	ttcatgtgtc	acaaaactct	acatctggct	ttcttccttg	tggtctctggc	1860
catcagcttc	ccaatatcaa	tatgaacttc	gtattggatt	tatgtggtga	gaagaaatta	1920
gcaatgtcat	tttcagttgc	acgaaaaggc	aacctctctc	tatgtacgaa	atgaccacca	1980
tgaaaacctg	aacttgcatc	accagctcca	ccatagccat	gtcctcccat	acctcttcca	2040
tctctcattc	tgtcatcaaa	gccatcattc	cccatagccg	taattattat	agccaccata	2100
gtcatcaaaa	cctccataac	caccatcata	tccatcacct	cctcgctcgca	ttctgtcata	2160
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gactatcata	gttaaactta	aaagttccaa	aatcaaatgg	gttttacaaa	ttaaaaacag	3420
taaaacaata	caaatataaa	attacaatac	tactaaactt	tgactaatat	tagaggtacc	3480
ttgaaagaac	tgaactattt	cctctttgct	gcaaccaaat	ggtagtccac	gaagtcgtac	3540
tgtcccatca	ctagcgtcat	ttggaccatt	atgtttcata	acccaatcca	tctcaatacc	3600
gtttgattta	aatgcccctt	ttacttcaga	taccctgtca	ggcgatagtt	acgccgactc	3660
tggtgctcgc	gggggtccagt	tcaaagaagg	gagaagtcgt	ttgcctcgtg	tagcgtcgcg	3720
cacaacgggt	ctcccaaccg	tctccagcgg	tgacaaccgc	ttaggagagca	cgaaa	3775

<210> 5897

<211> 595

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (105)...(482)

<223> similar to gil345531 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5897

tttttttttt	ttcattttct	ccattttatt	tgtcaatata	aaaataactca	aatattttaca	60
acaaataaat	acgcggggac	acaataagtt	acactgttag	gagccctcct	cctagggctg	120
gaagagagta	tgccattgtc	cacagcaggc	ccaccctctc	ccttctctcc	cctcacacag	180
cctttcccag	ccctgtacag	gaagaaggca	agtataaaat	accactgaac	cccggggcca	240
agtgggaggc	cccacccacc	cttcccccca	aacacacagg	aggctccatc	tccctccccc	300
caccctgaaa	acattcacag	ccctaggagc	aggattaggc	ccaccccaag	ccctgcactc	360
cctctgaagg	ggcacagcac	cctgtccacc	ccacctccat	atgtacatcg	ctgcccgcaca	420
ctcggggcag	tgggggtagg	agagacaaag	tgatacgacc	ccttcccctt	catagctcca	480
atgactcatc	aggaggacac	atgccatggg	aagatttgac	ggagaaagga	aggctatgca	540
cgtacgagca	ggtgacatgt	acgcaactat	aagcacacag	aaacccatgt	gcaat	595

<210> 5898

<211> 2921

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2922)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (358)...(2122)

<223> similar to gi5912193 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5898

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cagactcacc	taaaaactca	tctcgacact	gtgcttccaa	aattgacctg	tcctcagtgc	180
aacaaggaat	tccccaacca	agaatccttg	ctgaagcatg	ttaccattca	ctttatgatc	240
acttcaacgt	attacatctg	tgagagttgt	gacaagcaat	tcacatcagt	ggatgacctt	300
cagaaacacc	tgctggacat	gcacaccttt	gtcttctttc	gctgcaccct	ctgccaggaa	360
gtttttgact	caaaagtctc	cattcagctc	cacttgggct	gtgaagcaca	gtaacgaaaa	420
gaaagtctat	aggtgcacat	cttgcaactg	ggacttccgc	aacgaaactg	acttgcagct	480
ccatgtgaaa	cacaaccacc	tggaaaacca	agggaaagtg	cataagtgca	ttttctgcgg	540
tgagtccttt	ggcaccgagg	tggagctgca	atgccacatc	accactcaca	gtaagaagta	600

caactgcaag	ttctgtagca	aagccttcca	tgcgatcatt	ttgttagaaa	aacacttgcg	660
agaaaaacac	tgtgtattcg	aaaccaagac	acccaactgt	ggaacaaatg	gagcttccga	720
gcaagtgcag	aaagaggaag	tggagctgca	gactttgctg	accaacagcc	aggagtccca	780
caacagtcac	gatgggagcg	aagaagacgt	tgacacctct	gagcctatgt	acggctgcga	840
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caacatcaga	cctggagaaa	gtgccatcgt	gaaaaagaaa	gctgagctca	ttaaagggaa	960
ttacaagtgc	aacgtgtgct	ctcgaacctt	cttctccgaa	aatggcctcc	gggaacatat	1020
gcagaccac	ctaggccctg	tcaaacacta	catgtgccct	atttgcgag	agcggtttcc	1080
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atatggtctg	tgtgccggct	gcgtgaatct	cagtaagagc	gccagcccag	gcattaacgt	1500
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agagcacagc	ttcgaaggga	tgggaggcac	cttcaagtgt	ccagtctgct	ttacagtatt	1980
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tgttactgtt	attaatgttt	actctgcagt	ctgaacctgg	agattactgg	aattgttttc	2880
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<210> 5899

<211> 2119

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1321)...(690)

<223> similar to gi310200 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5899
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aactaaca aaaatatgaa cacacattca ggttggtg ctatgaggag tagcgtcac 120
ttatttagtt ccttgagata cagcacggc tgcgcgtga tcggtgccgc cctgggaaag 180
gttggtcagg aggtgacagg ggtctccagg aggagctcgg gaggtgacaa gggctccag 240
gagggagcag gggctgctcg gccaggctgc cctggagctt gaggataagg tcaagggttg 300
tatgtgttgc tccgacttga gaatgaatta ggtgtgtgac tgtgtggcat cgtgaacatc 360
agtagtgacg cagccgtggc ctgggctttg cctgcagcgc acttaggtta cacggagcgg 420
gatcagaagc aagcgattcg gcacacaggc gtttggccac agcaattagg aaatacatat 480
tctgcggcag ggacacgac atattttggt gtgaagaaga gggcaagaga agcagaagga 540
gaatgggtcg gtaggtgtga aaagtgtttg gcatgcatgg gattaaacag aaaagggtgtg 600
gctgagattt cccagtggtg ctcacagtgc atggacagcg cggggtgggg cacggcgggc 660
ttcacacagt tctgtccgtc cctgagtgtc tcctcaccac cttgcctccg ttcacctggt 720
cgaccgccag ggtcttcacc tcgggctggg cctgcggcgg ggtggcgtgg tggatccgat 780
gtgccacccc gacgtgggcc ttgtgcggct ttcgcgggc cgggctgtgc tgctgccgc 840
ttcggtcgga ggcgatgggg gggatgacga ggggcctctc tttgatgagg tggacctcgg 900
cggactccct agccagcaga aatgggggtg ggtcgggcat agcatccact ggttcccgca 960
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gttccgaact tttgactgtc agctcatatg ttaaactctg gcagtgtgc tgcagccgcc 1500
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gaccttcac gtaactcgag aaatgtgggt aagtcatggg tctttctgga aaagctacca 1680
gagtaattca agacgcttgt acagcactga aaaatactga ggatgaaatg tgagttattt 1740
gcttataaat tattattgta aatacagaac ctcagaatgc attttcccta atttgcattt 1800
ccagagaacc ctccgtaaag gaggtacaac ttctcaatgg ctcccaggac gcagccatt 1860
tgtaggatgc cacagtggaa ccgttttgga gacactgaca caccagggt gtcactgctt 1920
cagacgacac caattgctca tcaattatct gtacgaccag tgacatgcat gcacactagc 1980
tctggagcta ggacgagttc ataacgaact tcagacatac actttcatca cacgaaaaca 2040
cttctgggc gctgtccgg tggaaagcca cagactccac tccgagggca acctgagaac 2100
gcagagaagg aaataaaac 2119

```

<210> 5900

<211> 1781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (273)...(544)

<223> similar to gi2664281 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5900
tccgggtcgac gatttcgctcg ccatttttcga gtgatgcctg atctcatcaa tctagcggga      60
gagacaggat aacctgtccg agagtatagc gccactatga ctccgccgga aaaattactt      120
taaaaatcgc caaaaattac ttggagcaaa gggcagtcgg cggagcttcg ccaaggctgg      180
cgcagtcggt tttgacctgt agcagagaac caattctgga gaacagcctc acttctttga      240
ttgaatactt acataatgca ttggaacatg acatgagatt aagggtttaat aatgatagaa      300
tgaagaccac aataaaagag acctctactt agctcagcaa ttcttacctt gtttttccct      360
tgatgtgaag tcttacctat ttgatgaaga tgtcttttga aagggtgtact gcaaggaaca      420
aaatgtttgt aaattctcct tttaccaagg tggataatta ctgtaccttc ctccatggaa      480
aaagttttat ttaaagtgtt atttctcatt gaatactatc aaaaaggaaa aaaaaatgac      540
ctaaactttt gagatagatt tggctctagt aagtatttag ttatatcact tgcatactcg      600
ggagaagaaa taagagacta tcatcagtac attcccatct actaaaaaaa tttattttac      660
acatgtcaag ggattactta taacttccat tttattacta atagcttgaa cctttttaat      720
gaagacctaa ctctccacc agaaaatttaa gtttatgttc ttactttgtt tacttataaa      780
atacatctca ggtatttcgg atgtcttttt tttttctaag cctatatgaa atgaaaaata      840
tattggcaaa gtaaagtgtt aaacctttta cgttaaaatt actttgaaag atgaaaagtt      900
agtgtgtttt ttgtcacgtt atactgaaat taaatgttta taatttatat ttgggttta      960
tgtataaatc atggaattta tgcaaaaaata tgagtagtac agattctcct ctaattctgt      1020
aggactttga ataagtgtat atttttctta taattggacc cttgtgtttt gaagaaatgc      1080
caactgcttg aagaatctcc ttgttatttg tattatttgc tatagggtta gatgttgaga      1140
aattctgctg acaaaaaaatt ttaagccagt tttacactaa atgttctca gtctgattaa      1200
ttgttatttg gatgtattct gtatctttct tttgtaattt gtgactttta tccacttagc      1260
acgaatgatt ctattaaaga aaatcattag gaagtggtag aaactttaaa tcgccccaga      1320
gtttgcctgt ttccatattt tattatctta taatcttcgg gagtgcttac acttatggag      1380
ctaacatttt cagagataca gcttcttata gtaacactaa aactttcttc ctctttggac      1440
tgaataccta taattataac tatatggtag ttttaagttc cttgtgatta gtcáaaaaata      1500
ccattttagt atgaagcaat gaagtctatt atttgtgtgc ccataattga gaaagcttaa      1560
atacaccttt tattaagagt ttgtaaattc tagcttagtc tacacagatt tttatatcaa      1620
tttgtttata tttttattaa tgtcatttct ggaagtgtga aaatgttaat gttcaacaag      1680
caacattaaa aatagatttg aaacatttat atatagagag gtacacattt atttactgtt      1740
taggtactga agattatcac ttaataaaaa atatatatcc c      1781

```

<210> 5901

<211> 2876

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (403)...(2758)

<223> similar to gi5679576 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5901
tttcgtctga cagcacgac tccccccgcg gcaactgcac gggttcgggtg acagccgaga      60
cgccgagtggt ttcccgagc cggccgggggt ccaggtcgga aatgtagcca gtggggccgc      120
cagcatccag cacagtgagc ggccccctggg caccaccaga aaacatttgt ggggtgaacgt      180
ggagtgatga ccattgtggac actgtctttc cagggtttct tggagcctct gcagagtctg      240
ggggccaggc ttcttagtgg aaactgcagg atcttcttct tgaccctgc ttgcctcgcc      300
ccagcagctc cggttgagtc cacagatgcc agctcagctt ccagcttggg gaagagtggg      360

```

gttgtcagca	ggagagcctg	agggctgagg	cccagcgtga	acatggcagc	taatggggac	420
tctcccccat	gggtccccggc	cctgggtgca	gagggacgtg	gcagctcatg	tgagcattga	480
gtcgttgag	gcttcagtgt	catttgagga	cgtgactgtg	gacttcagca	aggaggagt	540
gcagcacttg	gaccctgccc	agagacgcct	gtactgggat	gtgacactag	agaactacag	600
ccacctgctc	tcagtggggg	accaaattcc	caagtcagag	gctgccttca	agttggagca	660
aggagagggg	ccatggatgc	tggaggggga	agccccacat	cagagctgtt	caggtgaggc	720
tattgggaaa	atgcagcaac	agggaattcc	tggaggaatt	ttcttccact	gtgagagatt	780
tgatcaaccc	ataggagaag	attcattatg	ttctatttta	gaagaactgt	ggcaagataa	840
tgaccagcta	gagcaacgtc	aggaaaacca	gaataacctt	ttaagtcatg	tgaaagtatt	900
gattaaggag	aggggctatg	aacataaaaa	cattgaaaaa	ataattcatg	tgactaccaa	960
gcttggttct	tcaattaaaa	gactccataa	ctgtgacaca	atthtgaagc	atactttaaa	1020
ctcacataat	cataatagaa	acagtgcac	aaagaacctt	ggcaagattt	ttggaaatgg	1080
taacaatttc	ccccatagcc	cttcctctac	taagaatgag	aatgctaaaa	caggagcaaa	1140
ttcctgtgaa	catgaccact	atgaaaaaca	tctcagccac	aaacaagctc	ccaccacca	1200
tcagaaaatt	catcctgagg	agaagcttta	tgtgtgtact	gaatgtgtaa	tgggcttcac	1260
tcagaagtca	catctgtttg	agcatcagag	aattcatgct	ggagaaaagt	cccgtgaatg	1320
tgacaaaagc	aacaaagtct	tccccagaa	accccagggt	gatgtacatc	caagtgttta	1380
tacaggagaa	aaaccctatc	tgtgtactca	atgtgggaaa	gtctttaccc	tcaaatcaaa	1440
cctcattaca	catcaaaaaa	ttcataccgg	gcagaaaacc	tacaaatgca	gtgaatgtgg	1500
aaaagccttt	ttccagagat	cagacctctt	tagacatctg	agaattcata	caggagaaaa	1560
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tcagaaaact	cataccggag	agaaacacta	tgaatgcaat	gaatgtggga	aggctttcac	1680
aagaaaatca	gcactcagga	tgcatcagag	aatccacacg	ggagagaaac	cttatgtatg	1740
cgctgactgt	gggaaggcct	tcatccagaa	atcacatttc	aacacacatc	agagaattca	1800
tactggagaa	aagccgtatg	aatgcagtga	ctgtgggaaa	tccttcacta	agaagtcaca	1860
actccatgtg	catcaaagaa	ttcacaccgg	agagaaaacc	tatatatgta	cagaatgtgg	1920
aaaggtcttc	actcacagga	caaaccctac	cacacatcag	aaaactcata	ctggggaaaa	1980
accctatatg	tgtgctgaat	gtggaaaggc	ttttactgac	cagtcaaata	tcattaaaca	2040
ccagaaaact	cacactggag	agaaacccta	taagtgcatt	ggctgtggaa	aagccttcac	2100
atggaagtgc	cgcctcaaaa	tacatcagaa	atctcatatt	ggagagagac	actatgaatg	2160
caaggactgc	gggaaagcct	tcatccagaa	atcaacacta	agcgtgcac	agagaatcca	2220
tacaggagag	aaaccgtacg	tttgtcctga	atgcgggaag	gcctttatcc	agaaatcgca	2280
cttcattgag	catcatagaa	tccatactgg	agagaagcct	tatgaatgca	gcgactgtgg	2340
gaaatgcttc	actaagaagt	cacaactccg	tgtgcatcag	aaaatccaca	caggtgagaa	2400
gcccataata	tgtgctgaat	gtggaaaggc	cttactgac	cgatcaaata	tcataacaca	2460
tcagaaaatc	cacactaggg	agaaacccta	tgaatgtggt	gactgcggga	aaaccttcac	2520
ctggaagtca	cgcctcaata	tacatcagaa	gtctcactac	ggagaaagac	actatgaatg	2580
tagtaaatgt	gggaaagcct	tcatccagaa	agccacacta	agtatgcac	agataattca	2640
tacaggaatg	aaaccttatg	cttgtacaga	atgtcagaag	gcctttactg	acagatcgaa	2700
tctcattaaa	caccagaaaa	tgcatagtgg	agaaaaacgc	tataaagcca	gtgactgaga	2760
aagtcttcac	ctggaaatca	caactgggta	tgcatcaggt	atctaatagc	agggaggagg	2820
aaggcctgtt	gctgcaatca	ttgtacaggg	ggaaatgggt	atgagagact	gaggct	2876

<210> 5902

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (632)...(209)

<223> similar to gi3786408 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5902
ttaaagtgtg aatatttggg gaacacagac caaggctgtg ccttgatttt ccctttctga    60
aagtcacact ttaactaaaa tatttctggt ctacaaattt ccatatatca aaaaaaagct    120
gtagaattta attcatagtg tcttctcaaa aggaagagga aaacaaaaac agttcttcgt    180
aggagtcttt tatttttttg tgtcttaaat gtcaatgac acaaaaactt ccgggttctc    240
ttcattatag acctgcattg ctgaatatgt tattgctttg acttctgttc cctgaggggtg    300
cttggacaat gaaaattctt ctccccaccc ggggtatgaa gaattcatca gcactgaact    360
tataaagcca ttcattccaa aagtgaaca gaagagactg taagtcattt ccttggggtt    420
ctacttctac tgtttgagg ggctccactg tcccagtatc tgatcatgaa ccaaactagg    480
ccattgcaca ttgctcaaat gcttcctcca gagtatctcc ccatgcgtgt aaccaagatt    540
gaaacattca gtcttcctac tgacgtgggt tcaaaggaat gaactcccg tatactcact    600
ggaatctgct tgtatgatcc aaatatgtaa agagagaagt aagccacct ctcacactcg    660
tacttctat tgactggcgg atacttggcc ttgatcgctt tctgtttctc agtcaaattg    720
taatctctgg catcttcttc ttcttgccgc atgactgcag gattagaccg gcacgagctc    780
gtgcagagtt cctcaaagcg tt                                     802

```

<210> 5903

<211> 2805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2788)...(243)

<223> similar to gi299471 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5903
ttagttattg ctgttaatct cctactttgc ttgatttatt gatttattta ctgagatgga    60
tcttgctctg ttgcctgggc tggagtgcaa tggcgcgac tgggtcact gcaacctccg    120
cctgccccac ctcggttcca agtgattctc ccgcctcagc ctcccgagta gctgggacta    180
caggcatgca ccaccacgcc cggctaattt ttgtattttt agacgagaca gggtttcacc    240
ctgttggccca ggctgggtct aaactcctaa cctcaggtga tccaactgcc tcggcctccc    300
aaagtgtcgg gattacaggt atgagccacc gtgccagca gaatttttta actatttggt    360
tacgactaat ttggataatg tagtgcattg agctttgatt tgtgccacta agagtgggca    420
aactgtcttc ctttttgtga atcagtaaaa attttccctc aacatgtggt tgacagtgtg    480
cattcactgc taagttaagg catttggtta accacacagc ctctgcattc ttctagcga    540
cagccacaag aaaaggtggg catgggaggg aaaatgctct tgtgaattga actggaggca    600
agctccactt ttcttttaga aaagatgtag atcaaaataa ctaatatttt cttccttgct    660
cgatttctgt gccttccatg gtacatcaaa ataataggac cagtaatggc cacaatcctg    720
ttgactgctg ttaccttcgc cccaatattt ctttaagcat ttcttaagca tctagcttgt    780
gttttgttat atttaacaga ttttcttaaa gtattgtatg aattaaaacc agaaataact    840
tcattttcct agaaagggat aatttctccc ggagaataaa tcctgaggat ttagtttagat    900
gctgtgggta ttgtatttta aataatattt taatgggagc agctgattga ctttcaaagt    960
gattgtttac attaatagta attctgcagt tgttttacta ttgcatcagt ctgccagaca   1020
agttccatgt gcatatttta attcagaact aattatactt aaaaatttaa accctgcata   1080

```

cttccccaaa	aatgttttagg	gcagttaaaa	acaactcttt	tggaagatga	ctcgcatttt	1140
aagaaatgag	agaacactgt	caaatgatga	atgcatttaa	aaaataattt	gcaaagtgat	1200
aaaagccctt	agtttttaaat	cttacaatga	cattagctct	tacaagaact	cagtaagtat	1260
ttgctgtttt	ttaatgggat	agtaataagg	ttgaggtttt	tgtaaggga	cgtttactta	1320
tcatcaaaact	ctatacttac	tactacaagg	aaactccaag	tacattaaac	actatgtttt	1380
ataattcttt	gccacactgc	caataaattc	tgttcacatt	ttaaggatga	caagtcact	1440
atatgtaaca	cgtaagaatg	ctatcctggc	agtagacaca	gggccagaat	aaactggcaa	1500
gttttcattc	cacacaagtg	tggaaaaaaa	atgactacaa	cttaaacttt	atttacttga	1560
ttgagagctt	attgcacatg	aaatgtttta	tgtggttgat	cttaacttcg	tttacattga	1620
cttctatgct	caagattgtt	caattgctgc	tgctgccgtt	gtgttttctt	tcaggatcga	1680
ggtgggtacc	ttcatataat	atcttctttt	taatttcttc	tctggcaatt	ctttcctgga	1740
ttctttgctt	tgcataatta	tacctacaat	gaaaccagca	tcccaaagtc	accaagataa	1800
accctcctac	tccaacatca	catgatcttc	taattctact	agtgaacaaa	aaatgtccaa	1860
agccagccac	aacagatcct	aatgaacat	acaatattga	atgccgggcg	cagggagtat	1920
tttcaacatc	taaaaatcct	aggagcttaa	gggactagaa	tgaaaaaaaa	gaacctagat	1980
tgagtaagaa	agtatttcat	tttgggggtgc	tttggcaaaa	atgacaatac	accatttctt	2040
ttcttgtagt	tgaggggttta	aactagagta	tgtgccacgt	gacaacctaa	atcagcttgc	2100
gttgtctttg	tccacctttg	gtatgcagtc	tgaatcttta	aatccgaaaa	ccttacaaat	2160
tggaaccgaa	aacctttaag	cagtagggta	acttgagct	gtatcttaat	ttgctaatac	2220
actgacttgg	aaataggata	attcatttta	tgagctcttt	aaatgagttt	atttgggaat	2280
atgcctatca	ttggaattga	aagcagcata	gcttgcttca	gtaactccaa	taatttgga	2340
agcagaaatg	gaaaaagtaa	tttgagtcac	gtttgcttat	gtagtgccgt	ttaaaattcc	2400
cctagtaatt	acctttcata	ttttattaac	taggttaaca	tcaactgtgg	ttgtaagagt	2460
aaatgtttca	ccttaagata	aacatgggca	atatattaaa	ctctagtctg	ttttcttgcc	2520
tgtgaagtga	ggctgcactt	gatttatatt	gattctttgt	tcgtaataca	tggaacgac	2580
agctaagtgt	ggtgaaaaac	gcggggatcc	aaagagctgg	atttttatct	cagatctgcc	2640
gctaactttt	gtatcctata	ggctactttt	atttctatgg	tctcaatcta	taacatgaat	2700
gggttgggtt	aaatgactga	agttccttca	agtgtctaaa	ttctttttct	acagtcttca	2760
ttggatttat	gtatttctta	ttcctaatat	gtttaactgg	ggatg		2805

<210> 5904

<211> 2765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1927)...(735)

<223> similar to gi412941 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5904

ctgcagcctt	gacctcccag	gatcaagtga	tcctcccacc	ttagcctcca	gagtagctgg	60
gaccacaggt	gtacattttt	taaaagtgtt	ttgtagagat	agggctctcac	tatgttaccc	120
aggctggctt	caaatgcctg	gattcaagta	atcctcccat	ctctgcctcc	caaaagtgtt	180
aggattacag	gcgtgagcca	ccccgcctgg	cctgaactac	tatcttttat	tgtcttcttc	240
actatcccc	actaaagcag	gttcctgggt	ggcaggaact	cctcccttaa	cctctctggg	300
cttgtttctt	cacctttaaa	atgggtgtta	tcagagtccc	tgcatctcag	agtgttgcta	360
tggtgactga	atgagttcat	taatgtaagg	cacttcaaca	gtgcccaagg	tgctcaataa	420
atagatctag	ctacagtagt	gttccccact	ggtccccctgt	gccttgatgc	cgggcaaagg	480

aatagtgcag	acaggcagga	ggaggcagag	agggagagag	agggagtggg	agtgggggaa	540
cgtcagggat	ggagacccca	ggcaggcgcc	caatgacaca	gagatccgca	gtcctctctc	600
catctttaat	ggggcccccag	gtgggcttgg	ggcacgggtg	tccttaaata	cagcccccac	660
gggcaaggca	gcggggggcgg	ggcgggggtg	ggccggggcct	gccggggcg	ggcggggcg	720
ggcgggacct	cagctgcact	tgcaggagcg	cacgatcatg	ttggacagct	gtccacacct	780
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caccggcgcc	gccgaagcgc	cccggtttat	gcctgggtgt	acagggccag	gaccttgcgt	900
tactgcgtgt	ccaggctcca	aatgtagggg	cagggcccga	gggcagaagt	tggcatggta	960
gcccttgggc	ctcgtggaat	ccacttccca	gccgaaggtc	cttgcggaat	atcaaagtgt	1020
aacaatgccg	caacgcaagc	aattccttcc	tccgtggaag	ctgaaacaaa	taattggtgt	1080
cccagggcct	ggcgggtgcc	ggaagctttg	cagatgctgg	gccctctcca	gcgggggtgc	1140
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cggtagtgaa	cccgttgatg	tccacttgca	gtgtgttatc	cctgctgtca	caggagcagt	1260
gggcgctaag	gcgaaagccc	tcaatttccc	ctccacggct	caaccactgc	cgcacaactc	1320
cggtagacatc	aaaagataac	cactctggcg	agtcgctggg	tgccagcagc	cggttgctga	1380
ggtatcgcca	ggaattgttg	ctgtatttct	ggtacagctc	cacgtgctgc	tccactttta	1440
acttgagcct	cagcagacgc	agctctgccc	gggagagcaa	cacgggttca	ggtaccgctt	1500
ctcggagctc	tgatgtgttg	agaacatat	atatgctgtg	tgtactctgc	ttgaacttgt	1560
catagatttc	gttggtgggt	tccaccatta	gcacgcgggt	gacctccttg	gcgtagtagt	1620
cggcctcagg	ctcgggctcc	ggttctgcac	tctccccggc	caccgggtcg	cgggtgctgt	1680
tgtacagggc	gagcacggcc	tcgggcagcg	ggccggggcg	cacctcccc	tggctcgggg	1740
ggctggcgag	ccgcagcttg	gacaggatct	ggccgcggat	ggcctcgatg	cgcttccgct	1800
tcaccagctc	catgtcgata	gtcttgacag	tggatagtcc	cgcggccggc	cggccaggcg	1860
tcagcaccag	tagccacagc	agcggtagca	gcagcggcag	cagccgcagc	ccggaggggc	1920
gcatggggga	ggcggcgccc	cccggcactg	ccgagagcgc	gaacagggct	ggtgtggtgg	1980
ggaggccccc	cccctgcagg	ggctgggggt	ctcccggcaa	aaggtaggag	ggcctcgagg	2040
gaaagctgag	gctcctcagg	gagaaggggc	cagtggtgga	ggggaggctt	ggaccggggg	2100
tgtctcagta	tcccacggaa	ataacctaga	tgggcgcgat	ctggtaccag	aagggtgggtg	2160
gtcttgaata	ggggatctgt	ggcaggctcg	agagagatcc	gtctcctgga	ggagaaaggg	2220
tctaggatgc	gcgggggctc	aggagacagg	ccggggatga	aggcggcgctg	caggggggtgc	2280
gcccagagtc	tggggaaaag	tctttgcggg	aggccgggtc	ggcgactccc	gagggctggt	2340
ccggaatggg	ggcgcctgag	ggacgccgtg	tagggggcag	ggagggagca	agcgtccccg	2400
gcggcaaagg	gaggcggtct	ggggtcccca	agtcctgcct	cctcgcgggg	cagcgtcgcg	2460
ccaagaggtc	cccgcgcctc	cggctcccag	cggcaacgga	aaagtctcaa	aagttttttt	2520
cctcttctcc	cgaccagctc	gtccctcctc	ccgctcctcc	tccccctcct	ccccgcagtg	2580
gcggggggcg	cggcggctcg	tctcagactc	tggggcctca	ggctgctcct	cggcgactcc	2640
ttcctccgct	ccgggcccag	gccggccccg	cgggcggctc	agagccgggg	gggggtgcccc	2700
ggacggggcg	tccccctgc	ccccggccgg	ggccctcgct	gtctggctgc	tccgcggagg	2760
gaggt						2765

<210> 5905
 <211> 1874
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1875)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1829)...(1817)

<223> similar to gi5566244 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5905
ttttgctcca agcgaattaa atggggaacc cccgggggttt tccccctccc acgttggttaa      60
aaccgcgggcc cggaaattga ttttgggggc cccaaaaaaa aaattttacc ttgccagccc      120
ccggaaataa aacttgattc tttaaaacgg cccccctttt tttttttttt tcacatgtgt      180
aacatttatt atattaatac ttaacaaagc cctccaagac ccaggctccc cctaccccct      240
accttggggc acgtcttcat cttagtcttt ggagagaaaag ctctgaagtc aagtgggtgag      300
ttttccagaa caagtggttc ttctccttga tgacggccca gtccctcaaag ctgtcgatgt      360
gttccttcag ccgcgagcag agctgcacgt tgcccacgta gtccaggagg acatcgatga      420
tgggccccgc ccagcggtc acctctgggg cagatacga ctcacagaac tgcaccacgc      480
tgggctcctt gtcggccgcg ggcgcgctcg tgaacctgct ggagggtgc ggggcccggc      540
ggtgcggggc gttgccgtag aggcattgaga agcagggtc gccgtcgag ccagggtcca      600
tgaggaaatt gagcagcgac aggcattca tggcgaacat gatggtggcg gggaaggcgg      660
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tgcgaggca gccgtggcgg atggccacga gcaagggtt gatgacgtc cggttggggt      780
cggcgccgtg ttgcagcagc agctcggtgg cgtacacgtt gttgttgacc accgcgaagt      840
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tcacgtcgaa gcgcgcgctc agcagcgcc cccagcacctc gtctgtggtg cgctcgccg      960
ccagggtcag cggactgacg ccgctacggc gtatgcgctg gcggctggtc accggcagca     1020
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ccttgttggg cttgttggcg tcggcaccct gtgacagcag aaactccacc acctcctcat     1140
gtcattctct gcaggcctcg tagaggcgag acgcgttgtc gctggcctgc gtgttgatgt     1200
cagcaccgta cttggctaag aacctcaagg cctccaactg tccactctgg gcggccacga     1260
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tctgcatgac ctccaggta ttgcgagaca cagactcgtg cagagcggtc cagccgcggt     1380
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gcccctgctt ggagcagtga caggagacag tccagggtgg ccctgcacgt tgccaaagta     1560
aaeggcttgt ttctcctgc aggggtgcgt ggtcgatggt cccttgggta cgctcgctgc     1620
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tccttgttgg gctctgcgag attcttccct tccttgatca tggctctcaa ggcctcttca     1740
gtcgccatcc ttgatggcct ttatcaaggg gtccgcaggc gccagctggg aggtcttgaa     1800
caagctgctg ctgtatttct gcatgacccc ttggaacagn cccattgggc ccgggcccggc     1860
gaactctcag gagg                                     1874

```

<210> 5906
<211> 2838
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2769)...(353)
<223> similar to gi4995641 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5906

tttttttttt	ttgactgttc	atggccatct	ttattcccag	tgctggctat	cccaaaatac	60
tgccaggcca	cagccaaccc	ccacctttgc	caatgtgact	gggtcaccac	cccatacacc	120
aaagcagcct	tgagccctgc	cccacccctt	gccctgcgga	agccaagtcc	ccagctataa	180
aaccctgccc	ctcctggtgg	cccaggaccc	tcaaagatgc	acacaggggc	cccagcgagg	240
ggccccctcg	tcattagcct	tctcctccag	gctgggctgc	caagcagcct	ggagctgagt	300
ctgtcccttg	gacgtggggc	cacgtcacct	tctcctccag	aaggcttcac	ctatgggccc	360
aggaagtcct	ccttccgata	gcccttcgcc	cggaagtac	gggtggagctt	gttgtactgc	420
cacaggttgg	ccaggaggct	ggatgctgcc	cgggaggact	tctcactgtc	ggggctgtcc	480
cgcttcttct	tgatgaagat	gagctttcgg	agtccgtcaa	aatacagcag	gtctcgggca	540
agcgaatggg	gctggccaac	caaccaggtt	tgttgaacac	agctatgaat	gttgaaccag	600
cacctcggct	ggggggcgact	tctcaccac	gctgcctggc	agcttctcga	atcagggtggc	660
tccaccacct	tcgtggacat	ctcgtccttg	ttcctagcgt	tccgagacag	gtttcggatg	720
aggccagtca	gtgagcgag	ctgggtgggtg	tcggcggtcc	tgacacgggtc	tagcaggggg	780
ttcagaatac	gctcctgtct	cagggccagg	cggttagcct	ccccgggccc	ccttgggttc	840
gcctcccgtg	atgttctgca	gcgccccggc	ggcgccctcc	gtcgtgtgcc	ggttgagctc	900
gcagcgctgc	agcagccggg	tgtacagccc	cacgatctgg	gggtccaca	gccactcgag	960
gcccttgggg	tccttgga	cctccgcgaa	ggtagcgca	tcggcggcga	ggggcagctc	1020
gcgcagccgc	cggctctgcg	gcgtgaagca	gcccacgacc	tctcccggcg	gcgccccgcg	1080
caggtccctg	cggccgcgac	cctccagccg	ctgcagcgcg	gacggcgcca	tctcgtcgta	1140
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tttggccgcg	tccaggcggt	ggttgataga	ggtgaccagg	gcgtccacca	gcccggtggca	1260
ctcccgcatc	ttctggcgag	tggcctgaga	ggctgagctg	aggttcctgg	ggaagccggg	1320
ggcgtttag	aagatctccg	cctccgaggg	gttctgctgg	atgagggggg	ggacccccag	1380
cccccgacaa	ggggggtcaa	acaccaaggt	cttgtgagct	gcttccagcg	gtgtcttctt	1440
ggccaggcgg	tccttcaggt	ggtcgtcggg	atgaaaggtt	ccacaggatc	cctgtgacat	1500
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cctccaccag	ggccagcttg	ttgtcagcgt	tgtcgtagat	gaggttgcgc	atggcacctg	1620
tggcatggcg	ctgcacttcc	tgggtggcgt	ggttgaagag	cttcaccagc	ctaggcacgg	1680
cctgaaggct	gcgggcctgc	ttcttggcgg	ctgcactcgt	gtagcacttg	tgtcggatgt	1740
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tgttgaaccc	atgcacgtcc	ggcaggtggc	ccgagtcagc	caggtctagg	ctgaggctgc	1920
gcacagatgg	cgctcgagcc	actggctcca	ggacggcccc	cggcactgcc	ccgcctaccc	1980
cgcggtcccg	gtggctgctc	tggaaatcgt	gcagggtccg	cacggcaggg	gcacggatgg	2040
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tggagctggc	ctggcgctcg	tacgcaaagg	ccctgtaggt	ggaggtggcc	gcaggctcca	2160
gctgctcaga	caccaggctg	tagcggctcg	ccaggccccc	gggccccagc	cgcagcgagc	2220
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cgggcctggt	gggcatggga	ggggtgggct	gggcaccccc	gtaccagcg	gccccaaagg	2340
cgctgcccc	gttgtgggct	gaactcagcc	tccgactgca	gctcagatcc	acggcgaggc	2400
gggaggacca	ggaggctggg	ctgtaggccg	gcttggcgat	gggcgggaag	cccagggtct	2460
tgtccccact	caggccctga	gagcgagagc	tgaagccagc	ctgcagggtg	tggtagctgc	2520
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gcggctgctg	tcccagctgc	aagaggcggg	cgcggacctg	ctcctggacg	cgggctgccc	2640
gcagccgctc	ggcctccggc	ccctcggcgc	cccggcggtc	cagctgcagg	tcagagggca	2700
gcgccaggga	gcacacgcgg	gcctcaggct	gcagggccga	cagcaggaag	ttaccgtcct	2760
gcatggcggc	aggtccaccg	ggcctgggcc	tggcgggcgc	ctccaaaccc	aactatcttc	2820
acgtcctgtc	cggaattc					2838

<210> 5907

<211> 873

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (382)...(694)

<223> similar to gi4769004 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5907

gaatctagga	cattctatag	agcctggatt	cttcaaaaaa	gtcatacaca	cacacacatg	60
tacgtacacc	ttaatttata	agatagaaat	caaaagaaac	tacagagatg	aacagcccaa	120
tgcaaggcat	gcccttcatt	gatttctgga	tttttttaag	tcataaaaga	tatttgggag	180
tcacttaaga	aaattagaat	gcaaactgta	tattaaatgg	cattatggaa	ttatcattac	240
ttttcttagg	tgagataagg	atattgtaat	tatacaagag	atgtccttca	tctaggagat	300
ggctgctgaa	gtattgaagg	gtaaagtgtc	ctgtgcttat	aactggcttt	caaacagaca	360
aacaaaaaaa	gctggtccaa	aatggcagtg	gcaatggatg	cggatacccc	aagaagtacc	420
aacagcagtg	ctttgaagta	aaaaagtgaa	atgcagtagc	tagccctctg	ggcttgggat	480
gttggtggtta	ataactgtgc	catctgcagg	aatcacagca	tggatctgca	ttgaatgtca	540
agctaaccaa	gagtcctgcca	cttcagaagt	gtgtaccgtt	gcacggggag	cctgtaaccg	600
tgcttttcac	ttcactgtct	ctctcactgg	ctcaaaacac	aacagctgtg	cctgttggac	660
aacagacaat	aggaattccc	aaagtatgga	caccagaaaa	agaattcttc	catcaagctt	720
aactgttttg	tgattcattt	aatgacttgc	ccttctgtca	cttaattata	aattagatag	780
aactgtgtct	tttctgcttt	gtctttgcca	tttgtgttgc	tgcagccac	attgtattct	840
gtgtcaaata	aagtccagtt	ggattctaga	gcg			873

<210> 5908

<211> 1316

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (886)...(224)

<223> similar to gi296669 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5908

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acactctacc	atccaaaagt	cgaagctgtg	acaatcgact	gctacaggca	gtgcatggat	120
gtgtaaacaa	acacaaatga	aaatgcaaat	cagagtgggc	ggggccaagg	cccactgtta	180
cattcacagc	acagggttaag	tgcaaaagaa	caggatgtca	ggatgggggg	cggggagcac	240
agggtccttc	ctgccctgga	ggctgcctcc	aggcatcagc	ctgggaggtg	ggtttagtgcc	300
catggaaccc	tcctgcccag	gaagctgcct	ccgggcatca	gcctgggagg	cgggttagtg	360
cccatggatc	cgggtgtctg	gaaggggccc	acagaagatg	ggccacaccc	agcatcatct	420
cctctctgtg	gtgcgccttc	ccatccccag	acccctttcc	cattcagggg	agaggggccc	480
tggtcacagg	agccagtcc	ctgacctcct	gagtgtggaa	acccaggagg	ggagtgtggt	540

tctcctgcag	gcctctcaac	ctggaaaggg	cagagccaca	gcagaacgcg	ttggggccac	600
agacactcgc	tcaggtgaag	acactgagaa	gacactgccg	ggctgacaga	acccgcggcg	660
ggggaacgcg	cttgcaaaaca	ggactctcga	ggcccagggg	aggctctgcc	ccataaggcc	720
caaggagcgt	ttgtgcgttg	aactgaaggc	aaagtgtctg	gcagtttctt	gtcctaataga	780
agggtgggaa	gctgggtccg	ccacatacat	cctctgacct	cccccaagt	gtccccgggc	840
ccacaggtga	caggggcctg	agcgatccct	ggctctgagc	cccagctcag	agcctagcac	900
cacccagggg	ggctctgggt	catggaaggg	ggatggggcg	gggcaggagg	gcccagcccc	960
acctccgccc	gtctttgggt	gtgacagagg	tgggaggaga	aaagacgata	tttggtaggg	1020
cgaggggaat	tcaaaggaca	ctgtcaaggg	cccagttcct	gtcagaaga	gagcacagga	1080
gtgggaggcc	cacctctgcc	ccatctctgg	atggcccagg	cctgctgccc	actaagggtg	1140
ccccactctc	cttctctgga	gttgcaaact	ctctgagaag	gcggttgagg	tggggagggc	1200
atcaggacag	gccagctgga	tgtctgagac	atatagccac	aggtggcttc	tagctcagga	1260
cactgtgacc	ttctctcag	ggctctaggc	cccatccttc	acctcctccc	tcccag	1316

<210> 5909

<211> 1913

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (419)...(132)

<223> similar to gi5816693 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5909

ggaggacccc	ctggctggag	ctgaccacaca	gagtagggaa	tcatggctgg	agaattggat	60
agcagagtaa	tgtttgacct	ctggaaacac	tcattctcaa	tgcaagatcc	tccgctgcaa	120
tgtctgagta	gtatcgtcca	ctctgagcct	tagaggtggg	ggttcatcag	gagcacttcg	180
aggaggagga	ggaggaggcc	gggggtggagg	gggtgggtct	ggcggcctct	gtcagagccct	240
ccgctcctat	gcgctctgca	ctcggcgcac	cgcccgccac	tgcgcggggg	acctcgcctt	300
ccattcggcg	gtacatggca	tgaagacct	gatgatccag	cacaactgct	cccggccagg	360
ccctacagcc	cctccccgcg	cccggggccc	cgccttcca	ggcgcgggct	ccggcctccc	420
tgccccggac	ccttgtgact	atgaaggccg	gttttcccg	ctgcatggtc	gtccccggg	480
gttcttgcat	tgcgttctct	tgggggaccc	ccatgtgcgc	agcttccacc	atcactttca	540
cacatgccgt	gtccaaggag	cctggcctct	actggataat	gacttctctt	ttgtccaagc	600
caccagctcc	cccatggcgt	tggggggcaa	cgctaccgcc	acccggaagc	tcaccatcat	660
atttaagaac	atgcaggaat	gcattgatca	gaagggtgat	caggctgagg	tggataatct	720
tctgtagcc	tttgaagatg	gttctatcaa	tggagggtgac	cgacctgggg	gatccagttt	780
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aactataatc	attcggcaga	cagctgggca	gctctccttc	tccatcaagg	tagcagagga	900
tgtggccatg	gccttctcag	ctgaacagga	cctgcagctc	tgtgttgggg	gggtgccctcc	960
aagtcagcga	ctctctcgat	cagagcgcaa	tgcctgggga	gctataacca	ttgatactgc	1020
cagacggctg	tgcaagggaag	ggcttccagt	ggaagatgct	tacttccatt	cctgtgtctt	1080
tgatgtttta	atttctgggt	atcccaactt	taccgtggca	gctcaggcag	cactggagga	1140
tgccccagcc	ttcctgccag	acttagagaa	gctgcatact	ttccccctcag	atgctgggggt	1200
tcctctttcc	tcagcaaccc	tcttagctcc	actcctttct	gggctctttg	ttctgtggct	1260
ttgcattcag	taaggggacc	atcagtccca	ttactagttt	ggaaatgatt	tggagataca	1320
gattggcata	gaagaatgta	agaatcatt	aaaggaaggc	aggggcctag	ggagacacgt	1380
tgaaacaatg	gacatttttc	cagagtcaga	tgtaggctgc	agtccccggg	ttgaaattat	1440

cacagaataa	ggattctggg	caagggttact	gcattccgga	tctctgtggg	gtcttccac	1500
caatttttcc	agcctccatt	tattggtaaa	ccaaattgtt	cctaacccca	tttactgcca	1560
gatttcaccc	cttataagtt	tagagggtcca	tgaagggttt	taatggatcc	agtaaggatt	1620
ttaagggttg	agatttttaa	ggagccaaga	gctgaaagca	gaagacatga	tcattagcca	1680
taagaaactc	aaaggaggaa	gacataatta	gggaaagaag	tctatttgat	gaatatgtgt	1740
gtgtaaggta	tggtctgctt	tcttgattca	aaaatgaagc	aggcattgtc	tagctcttaa	1800
ggtgaaggga	gtctctgctt	tttgaagaat	ggcacaggta	ggacagaagt	atcatcccta	1860
ccccctaact	aatctgttat	taaagctaca	aattcttccc	ccccaaaaaa	aaa	1913

<210> 5910

<211> 864

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (462)...(764)

<223> similar to gi3288493 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5910

agtcagggga	gacctgggtc	ccccgcactg	acttcctttc	tcctcacagg	gcaccagcct	60
ccaaatggct	atggaccggg	agcagaacca	ggtgaggagg	cccttctctg	agttcctccc	120
ctcccttccc	ttctctttcc	ctcctcttcc	ttctgccatc	ccaggaagag	gggaggccag	180
ggctgtggct	ctcgttgacc	cccattctgt	agtcacagtt	ttctctcccc	caggttttta	240
tggtggcctc	gagccacaga	aaattggtga	gtcctctctg	gcccccgacc	catgttgagc	300
ggaagctggc	atctccctca	tgcttgagtc	agtctgtctg	tcgcctatcc	cctgtctatg	360
agctggtcac	ctggccctcc	tgatgctgtc	cctgttccac	tagcctgtcc	ctagctcctc	420
tccaatctct	gtcctgcagg	tttaggttat	gggaatggtg	tcctgggagc	cagggtcttc	480
cccagggccc	acccacagcc	aggtgcctgg	ggagcagggg	tcgggggtgg	agagttgggc	540
tcaggggccc	agcccagcct	ctgacaccct	ctttcctcct	ccagggttcc	atggggccaa	600
tggttttagg	aatagttagt	cagaccaggg	ggacaaagtg	cagtggagtg	ggggagacaa	660
cagcccaggg	gctaggcggg	aatgaccaga	gtctcttgga	ggggatgggg	tggaaagctct	720
ggtgtacccc	aaagcagcag	ctccagcccc	tgaaggaaat	ggtaagaaat	gagccttctg	780
ggagcagagc	caagcccaac	aggggccagg	ggtcccagct	cctgtgggca	agggtagccc	840
tgccatcaga	attccaccgc	acgg				864

<210> 5911

<211> 978

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (737)...(262)

<223> similar to gi206352 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5911
tttttttttt ttctaaatgt gtttactatt ttttttttac tcttaaagtg atgttattta      60
catgtgttgt tagaatgcaa accttatcag taggacatca aggattaagc tctggcagta      120
ttaatagtta gaacagtcac atgtatgcaa atttttacat agttaaaaag aagaatcact      180
gtaaaataaaa tgcttattct ttaattataa gtgatgtgga acaatgtgta cttagtctta      240
aagttcagtc aaggagactt ccaggatgtg catagctact gtatgagtgt ggggtgcaga      300
gatggaggat gcttctggaa gtcaagcagt ggaattccat ggtatactca gaaaagttaa      360
tagttcagtt atttccaaga agccttcttg ctgcagacca gtaattaatg gtcccgtgc      420
tcctctcttt cattggtgcc ttcttcttct tcagggaatg ctgattcatt ctggcctttc      480
agatgcttaa ccccttttat ggtgggtggt gtgtacacac tctgcttctt ttgcttaggg      540
gatgcattct gtaattcccc ttgtgtgttg ggccccctct tgtcatctat ttctgggggg      600
ttatgctcat tgagaatcac aagtgatgct ggtgtaggtc ttcttttctt gatctgctct      660
gctgcttcag gtgcaatctg actctggaat acaggcacgg caaactgtat ctttttgga      720
ctgttgggct ccatggtaat gatgataatt agtcagagat gtgaagagct cagaaagact      780
aacccctaagt ggtgtccggg atgtgtttcc tcagacacac tccactaagc cacacagagt      840
gcttcgtaat aaatagctgt aattccagat cgagcaagtg aagatgccga ggtttgagta      900
accccttct tcaacatcca cggatgatgcc tggcttgctt gttccccac caatcccttg      960
gatcctctca gcacaata                                     978

```

<210> 5912

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (706)...(737)

<223> similar to gill196912 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 5912
cggcggtgcc cgggcgtccc ctgcagacac gcagccccgt ggaactcccg gcgggacggt      60
tggggctgga ggaacaggac gcccgctctc ggccctccct cccgggcctg ggctgagggc      120
agccgttggt gggtttcagg gccgcctggg cagaatgtca cgatggacga gggcggcacg      180
ccctgctcc ccgacagcct ggtctaccag atcttcttga gcctgggccc ggccgacgtg      240
ctggcgcccg ggctggtgtg ccgccaatgg caggccgtgt cgcgggacga gttcctgtgg      300
agggagcagt tctaccgcta ctaccagggt gcccgcgacg tgccccgaca ccagcgggcc      360
atgtcctggt acgaggagtt ccagcggtct tatgacacgg tgccctgcgt ggaggtgcag      420
acgctgcggg aacacacaga ccaggtcctg cacctcagct tctcccatte cgggtaccag      480
ttcgctcct gctccaagga ctgcactgtg aagatctgga gcaacgacct gaccatctcg      540
ctgctgcaca gcgcggacat gcggccctac aactggagct acaccagtt ctcccagttc      600
aacaaggacg actcgctact gctggcctcg ggggtgttcc tggggccgca caactcctca      660
tcggcgagaa ttgctgtcat cagcctagac tccttcgcgc tgetgtcccg cgtgcggaac      720
aagccctatg acgtgttttg ctgccggctc accgagacca gtctcatctc ggggaacctg      780
cac                                     783

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<210> 5913
 <211> 1287
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1084)...(194)
 <223> similar to gil907076 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5913

tttttttttt	ttatttgc	gtgccaggaa	atatacctaca	tttattgtta	caaaaaccat	60
gttatcacgt	tagtgtggaa	ttcttttagaa	gccccggcta	aataagcttt	agaaatggaa	120
tgccttcaat	ggctcaatct	cagaaatggc	aaaattctag	gacacatcaa	gacctgctct	180
tccgctttcc	actagtcccc	aatctttgat	ttccaggttt	tggccctttc	aaacccattt	240
tttgcgtttc	tgaatcaag	aatagcttga	gaaatctctt	cattggtggt	catcacaaat	300
gggaccatgt	tggaataact	gggttctctt	aatggctccc	cagcaattaa	gacaaagtgg	360
gcttctcttg	ggatccttgt	tctccacttg	ggacactggg	caccttctcc	aagcaactgc	420
tgtgtgatga	ggttctattt	ttttggtggg	gcatcatcgg	gccccatata	cacatctcca	480
gatatcgtgt	aaatgaagct	tgtccaccct	ttaagggata	ggttgggaaa	tgtttggttc	540
cctgggtcca	atttgaagtc	caaataataag	gttggtgtgc	caagtgtaaa	ccttggacct	600
tattcccaga	gctttctcag	aaatgacagc	aactgtcaca	ccatcctact	tggggttaag	660
ggatttcttt	acttttcagt	tcctgggtac	ttggggctcc	accatcttct	ctgagctcct	720
caaattaaac	ccacagttgt	aagcccatgg	gctgggctcc	tctgagcaag	gcattctcagc	780
gtgcagaatg	ccccggcccc	cagtcaccca	ctgcaaatct	cctgggttca	ttttaccagt	840
gtgtccacag	aagtcttcat	gggccatgct	gcccccttcc	aggaggtagg	atactgtttc	900
aaaacctcga	tgtggatgat	caggaaatcc	tcctgggtcta	cctcctttaa	attcatcaaa	960
cagtaaaaaac	ggatccagat	tttttaactc	gggtctgcca	atgcttctcc	ggaccctcgc	1020
tccaaccctt	tccgactgct	cccggctgag	cactgagaga	gtaactttct	tggaggaccc	1080
catatcggag	tctaaaaaga	gagtgttctg	atgctgagct	gtagaggatg	gaggggctgc	1140
ggtagcggca	cctggagcct	tagcggcggg	ggtgacgcga	agagccgccg	ggagcagagt	1200
cagggagggc	aggttaagag	agtgtgggtc	cagtcgcctc	accgtgactc	agcgcttcgc	1260
ggccggcggc	ctagaggagg	cgggagg				1287

<210> 5914
 <211> 2977
 <212> DNA
 <213> Homo. sapiens

<220>
 <221> misc_feature
 <222> (57)...(2602)
 <223> similar to gil907120 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5914

caagtgtgga	gaaagcggct	ctgggtctag	attgagggat	actccccctt	tecaccatgg	60
gcaagaaggg	caaagtgtggc	aagagccgac	gagacaagtt	ttatcacttg	gcgaaggaga	120
cgggttaccg	ttcccgatct	gctttcaagc	tgatccagct	caatcgccgc	tttcagttcc	180
tgcaaaaagc	ccgagccttg	ctggacctgt	gtgctgcgcc	agggggatgg	ctgcaggtag	240
ctgccaaagt	tatgcctgta	tccagcctta	ttgtgggagt	ggacctgggt	ccaatcaagc	300
ctctcccaa	tgtggtgact	ctccaggagg	acatcacaa	agaacgttgt	aggcaggccc	360
tgaggaagga	gctgaagacc	tggaagggtg	atgttgtgct	caatgatggg	gcccccaacg	420
ttggggctag	ctgggtccat	gatgcttact	cacaagccca	tttgacactg	atggctctac	480
gtttggcttg	tgactttttg	gcccgtgggt	gcagcttcat	cacaaagggt	ttccgttctc	540
gtgactatca	gcctctgcta	tggatctttc	agcagctgtt	ccgccgtgtc	caggccacca	600
agccccaagc	ctctcgccat	gaatctgcag	agatctttgt	agtctgcaa	ggattcctgg	660
cccctgacaa	ggttgacagt	aaattctttg	accccaaatt	tgcttttaag	gaggttgaag	720
ttcaggctaa	gaccgttact	gaattgggtta	ctaagaagaa	gccaaaggct	gaaggctatg	780
ctgagggtga	cctcactctc	tatcacgcta	cctcagtcac	tgacttcttc	cgagctgcca	840
accctgttga	cttcctctcc	aaggccagcg	aaatcattgt	agatgatgaa	gagttggcac	900
agcatccagc	taccactgag	gacatacggg	tgtgctgtca	ggacatcaga	gtgttggggc	960
gcaaggagct	caggctcgta	ctaaactgga	gaacaaaact	tcggcgatat	gtggccaaga	1020
agctgaaaga	acaagcaaag	gcactggaca	tcagcctcag	ctctggagag	gaagatgaag	1080
gtgatgagga	ggactcaaca	gctggaacca	caaagcagcc	ctctaaggag	gaggaggaag	1140
aggaggagga	ggaacaactg	aaccagacct	tggcagaaat	gaaggcccag	gaggtggcgg	1200
aattgaagag	gaagaaaaag	aagctgttgc	gtgagcagag	aaagcagcgg	gagcgtgtgg	1260
agctgaagat	ggatctgcct	ggggtttcca	ttgcagacga	gggggagact	ggcatgttct	1320
ccttgtgcac	catccggggg	caccagttat	tagaggaagt	aacacaaggg	gatatgagtg	1380
cagcagacac	atttctgtcc	gatctgcaa	gggatgatat	ctatgtgtca	gatgttgagg	1440
acgacggtga	tgacacatct	ctggatagtg	acctggatcc	agaggagctg	gcaggagtca	1500
ggggacatca	gggtctaagg	gaccaaagc	gtatgcgact	tactgaagtg	caagatgata	1560
aagaggagga	ggaggaggag	aatccactgc	tgggtaccact	ggaggaaaag	gcagtactgc	1620
aggaagaaca	agccaacctg	tggttctcaa	agggcagctt	tgctgggatc	gaggacgatg	1680
ccgatgaggc	cctggagatc	agtcaggccc	agctgttatt	tgagaaccgg	cggaaaggac	1740
ggcagcagca	gcagaagcag	cagctgccac	agacaccccc	ttcctgtttg	aagactgaga	1800
taatgtctcc	cctgtacca	gatgaagccc	ctaagggaac	agaggcttct	tcggggacag	1860
aagctgccac	tggccttgaa	ggggaagaaa	aggatggcat	ctcagacagt	gatagcagta	1920
ctagcagtga	ggaagaagag	agctgggaac	ccctccgtgg	taagaagcga	agccgtgggc	1980
ctaagtca	tgatgacggg	tttgagatag	tgcctattga	ggaccagcg	aaacatcgga	2040
tactggaccc	cgaaggcctt	gctctaggtg	ctgttattgc	ctcttccaaa	aaggccaaga	2100
gagacctcat	agataactcc	ttcaaccggt	acacatttaa	tgaggatgag	ggggagcttc	2160
cggagtgggt	tgtgcaagag	gaaaagcagc	accggatacg	acagttgcct	gttggttaaga	2220
aggaggtgga	gcattaccgg	aaacgctggc	gggaaatcaa	tgcacgtccc	atcaagaagg	2280
tggctgaggc	taaggctaga	aagaaaagga	ggatgctgaa	gaggctggag	cagaccagga	2340
agaaggcaga	agccgtgggtg	aacacagtgg	acatctcaga	acgagagaaa	gtggcacagc	2400
tgcaagtct	ctacaagaag	gctgggcttg	gcaaggagaa	acgccatgtc	acctacgttg	2460
tagccaaaaa	aggtgtgggc	cgcaaagtgc	gccggccagc	tggagtca	ggtcatttca	2520
aggtggtgga	ctcaaggatg	aagaaggacc	aaagagcaca	gcaacgtaag	gaacaaaaga	2580
aaaaacacaa	acggaagtaa	gcagagctgc	caggctccca	ggagagcatg	gggactagga	2640
ggaagggtgt	ggcatggctc	agtctggccc	ccttgattac	cggcctagcc	cctgctcaca	2700
tcacagctgt	ctgaagaaca	gtgaggtgga	gtgcctagaa	ctcccgtggg	ggtcctgagc	2760
agagaggagg	atgtcctcct	gcctgcctga	aggtctccca	tgaaaacact	gctgaactgt	2820
gttgacactc	atgacctttt	ttttaaacgg	ttaaagggaa	gttcgggtgtt	ggagcgatac	2880
tcaatgtagt	cagtctacac	ctggacgtgt	gggccactta	agccctcccc	acccccatcc	2940
tattcctaaa	taaaaccagg	ataatggaaa	aaaaaaa			2977

<210> 5915
 <211> 1012
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (235)...(818)
 <223> similar to gi297547 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 5915
cgacccacgc gtccgctcta cttatccttc caatgatcac tgccaagttc tctttagcca      60
tgcaaatggt ttctcttgac gattgacca tgaacacttg aaaggaaggt gtattctgcc      120
actttaaaat gaagtgcctt ataaacaaca aagagctcaa gttagctaaa actggatata      180
ggcgagattt tattatatga atatattacg tagtggcaaa gtccaggcct ttaagacatg      240
attgggaagg tggtttatct tcctaaagaa tctaatagtg ctcacgtgag cttgatcaca      300
cagctggaga aatctacaga acttcaactgc gtgtcttcat gcttataacc acctctccca      360
tggtctatgc ctcttctcct acagcatcca gaccaagagc aatgagatgg tcatttttaa      420
gtctcaaatt ggggagtaca atcttatcat tgggggtgac aagggtttct tcaaggctctg      480
tgagaatttc cccaccctgg tgcacatcta tgccagctgg gagtcctcct caggcattgc      540
tgagttctgg gtcagtgaga agccttaggt gaggatgggg ctaaggcagg gtttctctgt      600
gggagcttac cccaagattg ccctgggtag cagcagggtt cctatggagg caagtttggg      660
aagagccagt ccattgtggg agagattgga gatgtgtaca tgtgggactc tgtgctgtcc      720
ccagaagaaa tctggtttgt gtatcaaggt atctacatca aaccaatat tctggactgg      780
cgggcattga actatacaat gcaagggtat gtggtcacc agtcccataa atagagttga      840
agttctgctt caacaggaca aagttactgg gaaggaaatc cccaacatga aagaccagct      900
ctgaagacaa ttctacttca tgccttatgt ctatttctct gttttctctg aatttcctat      960
ctattgaact gcttaattta caataaaagt acaatgcctt ctaaaaaaaa aa      1012

```

<210> 5916
 <211> 1832
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (294)...(1441)
 <223> similar to gi2828790 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5916
caagatgctc agctagcaga gctgacttcc tgccacaaag tagtgtggcc tcacagtcgt      60
cttctgaagg caagctgggt acaaaagggt acagctcgga gagggagaga agggagcaaa      120

```


atttacctgc	acgtcccagc	agggctcctg	tgagtatttg	tggtggtggg	gaaaacacct	180
caaagagtgc	agaggaacct	gtggtcaggc	ccaaaatcag	aaacctggca	agtccaaact	240
gcgtgaaacc	aaaaattttt	tttgatactg	atgatgatga	cgatatgcca	cacagtactt	300
ccaggtggag	ggataccgcc	aatgacaatg	agggccactc	ggatggcctg	gcaagaagag	360
ggagaggcga	gagttcaagt	ggctatcccg	agccaaagta	ccctgaagac	aaacgggaag	420
cgaggagtga	ccaagtgaag	ccagaaaagg	tgccgagacg	acgacgcacc	atggccgacc	480
ctgacttctg	gacgcacagt	gatgattact	acaaatactg	cgacgaagac	tctgacagtg	540
acaaagagtg	gattgctgct	ctgctgcgga	aatatcgaag	ccgagagcaa	accctgtcct	600
ccagtggcga	aagctgggag	actctgccgg	ggaaagaaga	gcgggaacct	ccacaggcta	660
aggtgagtgc	cagcactggc	accagccctg	gccccgggtg	tagtgccagt	gccggggctg	720
gcgccggggc	cagtgtctgg	agcaatggca	gcaattacct	tgaagaagtt	cgagaaccat	780
ctcttcagga	agagcaggca	tccctggaag	aaggagaaat	tccttggctc	cagtaccatg	840
agaatgacag	tagcagttag	ggggataatg	attctgggtc	cgagttgatg	caacctgggg	900
tattcatgct	ggatggaaac	aacaaccttg	aagatgactc	cagtgtgagc	gaagacctag	960
aagtggattg	gagcctcttt	gatggatttg	cagatggggt	aggagtgggt	gaagccattt	1020
cctatgtgga	ccctcagttc	ctcacctaca	tggcacttga	agaacgcctg	gcccaggcaa	1080
tggaaactgc	ccttgccgac	ttggagtctc	tcgcagtggg	tgtagagggt	gccaatccac	1140
cagcaagcaa	ggagagcatt	gacgctcttc	ccgagatcct	ggtcactgaa	gatcatggcg	1200
cagttggtca	ggagatgtgc	tgcccctctc	gctgtagcga	atatgtgaag	ggggagggtg	1260
caactgagct	gccgtgccac	cactatttcc	acaagccgtg	tgtgtccatc	tggcttcaga	1320
agtcaggcac	ctgccccgtg	tgccgctgca	tgttccctcc	cccactctaa	agaccaaggc	1380
cgtttactcc	tggtctgatt	attttcccca	tctgaaatcc	acaatactgc	aggagccctc	1440
ttgaaattaa	caatggaaat	aaaaccaatc	agtcagttag	cctaaacctc	ttgattcctc	1500
gtgattattt	ccaatgtgaa	aacagttgtg	tatgattgca	ttaaaaatca	tatcatcttt	1560
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ttgctgttac	ttgtaatgtc	aagtttatct	gttaaatatg	tccaaaaggc	aaaatcattt	1740
ttgttgcatg	ttatgggtcg	atgttcctgt	aattgcagtg	ccgtaaaagc	ttattaaagt	1800
tgttcttttg	gttttacatg	gtaaaaaaa	aa			1832

<210> 5917

<211> 1286

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (802)...(1132)

<223> similar to gi5104682 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5917

tttttttttt	ttaaccaa	atgaaaatgt	gttttatttc	tcagtacaaa	gccagatact	60
gtaaggctat	gaaaaactga	ctagccagag	gccagaaagg	acaaaaagaa	gactatctct	120
ggcctggtgc	cctgtgatct	ggcgtgggtg	cacaggaggt	ctggggacag	cagcaaagac	180
ctggaccggg	ggaggtggat	gaggggaagcg	atctgccagc	ccttccagcc	tcccgcggct	240
ggggcctgag	gatectgcct	gcctttgggg	gccactgggt	gcctggcctg	gctggttcca	300
ggaatgaact	gggagaggac	aggaggtgca	gggagggggc	gggggtggga	ggcgtgaccc	360
tttttgcacg	ggaagctctg	ttttcattcc	gtgccacagg	tgagtgtgca	gggctagagt	420
tgagaatgaa	actaggggtgc	tgttgcccc	aaaggtacct	tcagtccttc	taccacatcc	480

cagtttagaaa	gtcttgagcc	cttggacagg	cagacatggg	cctgggactt	aaggctgtag	540
gaggtgaggc	tgtagtgaca	ggggtgggag	gtgaggccgt	agtgacaggg	gtgggaggtg	600
aggctgtagt	gacgggtatg	gggcggagct	gagaggaatg	tgtgcggcaa	cagacgtgag	660
ggtgtttctc	caaggagttg	tggatcctct	tcagtgtcag	gggagcgtgg	gcatgtgtga	720
gggctcaggc	ctcgccctcc	tctccactgt	catgcacgct	ggcctgtctc	accaccttcc	780
ggaacctggg	cgtagaggaa	atgcagggtc	ctccctgccc	ctgcccctgc	ccctgctcct	840
gctcctggaa	ggcctgggtc	cggttggcca	ccacggcact	gccctggagg	gtaaccactg	900
actggcggga	cttcagggca	ggctgaggcc	ccctgtccac	ctgctggcct	cccttggtcc	960
ttgcaagctg	tgggaagggc	tgcagaggct	cttcatgtga	agactcgtgg	gaagagaaga	1020
cctctggcat	gtcactggtc	tctgaggtgc	tctccagctc	caaggagggc	tccagaagac	1080
tgatggacct	catgacctct	cggaggttta	tacgtggccg	tggcccaggc	tcttctttcg	1140
gggctgcctg	gctctcttcc	atgcctacaa	ccttctcctc	cccaccaccc	tcagggttctg	1200
gcggaagagg	tgggaatggt	gtagagactt	caggggctgg	gtgctcctct	ggggagaccc	1260
caccacgaa	ttccaccaca	ctggac				1286

<210> 5918

<211> 2073

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (321)...(1127)

<223> similar to gi2690100 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5918

aaatgatgga	agaaattgaa	aatgcaatta	acacttttaa	agaagagcag	aggttgatat	60
atgaagagct	aattaaagaa	gagaagacaa	ctaataatga	gttgagtgcc	atatcaagaa	120
aaattgacac	atgggctttg	ggttaattcag	aaacagagaa	agctttcaga	gcaatctcaa	180
gcaaagtctc	tgtagacaaa	gtaacaccaa	gtactcttcc	agaagaggta	ctagattttg	240
aaaaattcct	tcagcaaaac	ggaggggcag	aagggtgcctg	ggatgattat	gatcaccaga	300
actttgtaaa	ggtagaagaa	aaacataaaag	ggaagccaac	atttatggaa	gaagttctag	360
aacaccttcc	tggaaaaaca	caagatgaag	ttcaacagca	tgaaaaatgg	tatcaaaagt	420
ttctggctct	agaagaaaga	aaaaaagagt	caattcagat	ttggaaaact	aaaaagcagc	480
aaaaaaggga	ggaaattttc	aagttaaagg	aaaaggcaga	caacacacct	gtgctttttc	540
ataataaaca	agaggataat	caaaagcaaa	aagaggaaca	aagaaagaaa	cagaaattgg	600
cagttgaagc	ttggaagaaa	cagaaaagta	tagaaatgtc	aatgaaatgt	gcttcccagt	660
taaaagaaga	agaagagaaa	gagaaaaaac	atcagaaaga	acgccagcgc	cagtttaagt	720
taaaattact	actagaaagt	tatacccagc	agaagaaaga	acaggaagaa	tttttgaggc	780
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aaatttccag	atttcaagaa	agagatttac	ataaacttga	actgaaaatt	ctagatagac	900
aggcaaagga	agatgaaaag	tcacaaaaaac	aaagaagact	ggcaaaaatta	aaagaaaagg	960
ttgaaaacaa	tgttagtaga	gatccctcta	ggctttacaa	acccaccaa	ggttgggaag	1020
aacgaaccaa	aaagatagga	ccaacaggct	ctgggccact	tctacatata	ccacataggg	1080
ctattccaac	ctggagacaa	ggaatacaga	gaagagtatg	agataatcaa	attgctactc	1140
agttgataag	aatgttaaca	tactaagtta	taccagggag	agagtgacta	accacattct	1200
ttaaataatca	atagcttagt	cagattgatt	attgtgctat	attgtgaatt	gagaggtatt	1260
aagtttcatg	aggctttgtc	attagtattc	ctgcttctac	caagaaggta	tttaatatat	1320
gtgttggcct	attattgatg	taaaagttat	ttaataaagt	taatgttaga	aacattattc	1380

aatttaaata	ctgaaaacat	ttcaaagaga	ttttgttttt	gttatagcat	agcaaagtaa	1440
attggaacaa	tcattccaat	gacatttttt	taaacccaaa	tttttgtaac	ttttataact	1500
tggagttaag	ttagcttgag	taacaaaaag	gtaaagtggg	ttttgttttag	agttaacgaa	1560
atgttagtac	tttttcta	gtttaaccaa	attggcagtt	tgtcagttat	gacatttttg	1620
tgtaataaat	attttgtatt	tgtttgaagc	atgctttgtt	ttatatagag	aataatttatt	1680
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tgtgtctttc	acatcttctt	ggctaatagca	gttttctttt	ctgcttctgt	ttgcctcaaa	1860
ataggaaaat	tctttgttct	gaaacatcat	ctgaaataag	ccagctttaa	aatactgtga	1920
tttctcttga	tggcacttaa	aatgttttag	gtggggcatg	gtggctcatg	cttgtaatcc	1980
cagcactttc	agagggtcaag	gtaggagaat	tgaggcctgg	agtttgacac	tagcctgggc	2040
aacacagggg	gaccctgtct	ctacagaaaa	aaa			2073

<210> 5919

<211> 873

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (559)...(665)

<223> similar to gil335199 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5919						
acctagctgt	gtccccacaa	ggcggaaaagg	ggcaaacaag	ttccctcagg	ccactcttac	60
ggggcattaa	tccttgactt	aatcacctcc	taaaaagggg	gtcctcttga	cactatcaca	120
ttatggatta	gggttcaacc	tatgaattac	gtaggcacag	acacattcag	atcctggcac	180
tacatgtagg	atattcagtt	agcccctggg	tgaggggctg	ttgtgttgc	actggttttc	240
tgctattaca	cataaccctt	taatgaattg	ccttacgcat	gcatgttttt	gagtgttcgt	300
cagtctctct	ttggaataga	ctcccagaag	tggaattgct	gagtcaaagg	gtaaatacat	360
acggaatttt	gattgatacg	gccacttccc	atccatgggg	gttttactgt	tttatattcc	420
cgccagcagt	gaatgagtag	ccttttttcc	ccaacagagt	attttgtcaa	atttttcaat	480
ttttgcaggc	ttatagatga	gaagtgatag	tatctcactg	tacttcta	tgcattttct	540
tcttttcatg	tgggttaagag	ccatttgtat	tttctgtgaa	ctatttaacc	tattttttcta	600
tagaattttt	gggtcttttt	aaccattttt	agctctttgt	atactaggaa	tattaaccct	660
ttgtaatggt	tggtgtacat	atttttccca	atttgtcatt	tatcttttca	cttgggtttct	720
gcaaagattt	actttatttt	tgtgttaaat	gtgttgattt	tttcttattg	cttctggatt	780
ttagagtcac	aggaagggtt	tcttcattcc	cagcttttac	aggaatttat	cgtgtttttt	840
tcaggcagac	ttttatagtt	tctggtttta	cat			873

<210> 5920

<211> 1470

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (668)...(1281)
 <223> similar to gi53797 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5920
 tttttttttt ttctgggggc tgcttttatg gggacgacct gacagagggc atgggtccgta 60
 caaaaccggg aacaatacat acatatatat attatataca gagatgcggc cctcccgacg 120
 gctgggcagg ggtggccgct ggcccaagca gcccgagcg gccccgcca cccggttccg 180
 cccctccat ctgcccgggt gaagtgcgag agcccaggac tgagacagcc agctccttca 240
 ggggatgggg gcacatctgg ggataggaag ggggtggggac aagaaatact gatcgaagtc 300
 atggtctatt tacaggggac aagaagccaa aacggatggg atgggtggtc tgtttttaa 360
 aaatgaacaa aaaccagtt agggcagggg catgaagtgg caaaatgaga tggattttga 420
 aaggggaggg gacctggggg aggtgggtct acctcccttg gtccaagccc caatttgggg 480
 ttaaagtggg gaaacagagt cgatttctact tagaaggcag gctgccagca gggcagccct 540
 ggtctccaaa aagatgagta gtagtaaaat tttgccctcc agtcaaaaaca ttggaaaacc 600
 agtagggggg gggggcgagg ctgactccct gcaatgtcag taggcttcca ggcacgccc 660
 tgggctgggc agacagggca gcacaggata ggacctgact ctccaggag aaatgttccc 720
 cttgcctaag accagggctg ctgtagccag acccccttct ctccctggca tcccaggct 780
 tgaccaggaa acctggaccc cagagaggcc acataacagt tccaagacga gggtatggct 840
 atttggcacc tggaagaggg gaggcacaag gagaaattga gggctgctgc cccaggcaat 900
 ggggagctgg ggaccagggt tcctgaaact tcccttttct ccactctcac tccccctttt 960
 cccgaaggac acatgagaaa tcagtgcagg gccaggggcca ggcccagcct ccgggctctg 1020
 ggggtggactc tatccctccc aggacaggga acagggatgg gggaggtgtt gaggcaacgc 1080
 cccaccccc caggcgggag ggtcagaatg caacagagac ggcacaatga tggggggaga 1140
 ggggaagggcc gagaaggtag aatctcaagt caagaggccc agggggccacc cagggtgcccc 1200
 atgggcaggg agcagccccc agttggcaga tgctgggaga gccccagccc cgttccagtc 1260
 cagagacaaa agctggagtg tgtaaagtct ggcagtttga tctgcagggt cttgtgtccg 1320
 tcgaccacca ggccagccct cggcagccct cggcctctgt gcctcagccc catggggcaa 1380
 gaaagagggt gcccttctag ccacctctgt ctgccaggc catcttaagg gggcctgtat 1440
 atagccggcg ctggtcgacc gggaaatccg 1470

<210> 5921
 <211> 3595
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (287)...(2913)
 <223> similar to gi4754060 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5921
 gggcagtgct tcgtttgcag tcggcgcttt aggggaactg tcttcctccg caggcgcgag 60
 gctgggtaca gggctctatt tctgtggttg actccgtact ttggtctgag gccttcggga 120

gctttcccg	ggcagttagc	agaagccgca	gcgcccgccc	ccgcccgtct	cctctgtccc	180
tgggcccggg	agggaccaac	ttggcgctcac	gcccctcagc	ggtcgccact	ctcttctctg	240
ttgttgggtc	cgcatcgat	tcccgggaatc	agacggtgcc	ccatagatgg	ccagctttcc	300
cccaggggtc	aacgagaaa	agatcgtag	attacgtact	ataggtgaac	ttttagctcc	360
tgcagctcct	tttgacaaga	aatgtgggtcg	tgaaaattgg	actgttgctt	ttgctccaga	420
tggttcatac	tttgcttggt	cacaaggaca	tgcacagta	aagcttggtc	cgtgggtcca	480
gtgccttcag	aactttctct	tgcattggcac	caagaatgtt	accaattcaa	gcagtttaag	540
attgccaaga	caaaatagtg	atgggtggta	gaaaaataag	cctcgtgaac	atattataga	600
ctgtggagat	atagctctga	gtcttgcttt	tgggtcatca	gttccagaaa	aacagagtcg	660
ctgtgtaaat	atagaatggc	atcgcttcag	atttggacaa	gatcagctac	ttcttgctac	720
aggggtgaac	agtgggcgta	tcaaaatatg	ggatgtatat	acaggaaaac	tcctccttaa	780
cttggtagat	catactggag	tggtcagaga	tttaactttt	gctccagatg	gaagcttgat	840
cctggtgtca	gcttcaagag	acaaaactct	cagagtatgg	gacctgagag	atgatggaaa	900
ccatgatgaa	agtattgagg	ggatcatcaga	attgggtgta	ccagctgtgc	attctctcct	960
gactcttcta	tgtgtgttc	agtcggagcc	agtaaagcag	tgggtggcagc	aatattgggtg	1020
tgattgaggt	tatgtggca	ccactcgac	acaggcgcca	caatgggtgtt	aagctgggca	1080
gaaagagtgg	catctctggc	taccgggctg	ggggcgacct	ttaccatagg	atgaagtaac	1140
cttgcatcgg	tgtgtcaagg	tgtactgtac	gtacacaggt	gctgggtcgat	gtccactttc	1200
tgcttttctt	tcttttcttt	tttctttttt	aaagtaattt	ccccacagt	aaaataccac	1260
tgactcctga	gtaaattgat	tttccagttt	tatggaattg	ggagtctgac	aagtgaacc	1320
aatttaattg	aaagtatttg	gctttcaaat	ggtttctctg	tgtattttt	tgggaattctt	1380
tcagattcca	gagatatctt	acgtctttga	ttcaatttaa	aatttgtact	tattttcttt	1440
tagaaataat	gtattgtgtc	tgtgcagaaa	aaaaaaaaac	caaaaaggat	tgttttactc	1500
caagaggaga	gattgtctta	ggataaacct	ccaagctcac	atttaatat	acagactgaa	1560
gtaaacatta	gaatcctgtt	tagagctatt	ctgcacagtt	aactactgat	ctttagaatc	1620
taaaattgta	tatgaactta	ttcttaata	attgaccctg	tttatattca	aatgacttat	1680
gatcgtggtt	agtttgggaa	aaataagatg	gttaaatttt	gatttattga	aatgtaattg	1740
tattattttc	ataaaatagc	attttcattt	tgtaatgtgg	tttaacatcc	ttgttgtttg	1800
ccaaagaaat	ttcatttggtc	tgtgaatatt	ctatttgctt	gcagtatctg	tttctcttcc	1860
taggctcaag	ttggtgaccc	aagcctattg	taaacaagtg	attatctcaa	agggagatgc	1920
caatggagta	acaatttggt	aaccttacgt	tttctgtctg	tattttttt	taaaaatctg	1980
gtagtttctg	gaaaaaaaa	agaaggggtg	ttgtagtact	taacctatt	tatttccgta	2040
tatttttagt	aattagtttt	tggataaat	ggatttcagt	atagctttgt	ggttaaattg	2100
cattgccttt	attttatgtt	taggcttatt	tttaaatata	catttaacag	aaacatttga	2160
aatagaattt	gcatgtctgc	cttaattaac	ttaaagactg	attttaatct	gactatgaca	2220
ctgagcatat	tctttaaatt	actcataatt	tataatgctt	aatataatct	taattaaatt	2280
tagcagtttt	agtataagat	gtgccatttt	gtcctctgta	tgtctgaatg	aagctataac	2340
atttgccttt	ttttcctagg	tttctcttgg	gaatatggat	aaatacacca	tgatacggaa	2400
actagaagga	catcccatgt	atgtggtagc	ttgtgacttt	tctcctgatg	gagcattact	2460
ggctactgca	tcttatgata	ctcgagtata	tatctgggat	ccacataatg	gagacattct	2520
gatggaattt	gggcacctgt	ttccccacc	tactccaata	tttgctggag	gagcaaatga	2580
ccggtgggta	cgatctgtat	cttttagcca	tgatggactg	catgttgcaa	gccttgctga	2640
tgataaaatg	gtgaggttct	ggagaattga	tgaggattat	ccagtgcagg	ttgcaccttt	2700
gagcaatggt	ctttgctgtg	ccttctctac	tgatggcagt	gttttagctg	ctgggacaca	2760
tgacggaagt	gtgtattttt	gggccactcc	acggcaggtc	cctagcctgc	aacatttatg	2820
tgcagtgca	atccgaagag	tgatgccac	ccaagaagtt	caggagctgc	cgattccttc	2880
caagcttttg	gagtttctct	cgtatcgat	ttagaagatt	ctgccttccc	tagtagtagg	2940
gactgacaga	atacacttaa	cacaaacctc	aagctttact	gacttcaatt	atctgttttt	3000
aaagacgtag	aagattttatt	taatttgata	tgttcttgta	ctgcattttg	atcagttgag	3060
cttttaaaat	attattttata	gacaatagaa	gtattttctga	acatatcaaa	tataaatttt	3120
tttaaagatc	taactgtgaa	aacatacata	cctgtacata	tttagatata	agctgtctata	3180
tgttgaatgg	acccttttgc	ttttctgatt	tttagttctg	acatgtatat	attgcttcag	3240
tagagccaca	atatgtatct	ttgctgtaaa	gtgcaaggaa	attttaaatt	ctgggacact	3300
gagttagatg	gtaaatactg	acttacgaaa	gttgaattgg	gtgaggcggg	caaatacact	3360
gaggtcagca	gtttgagact	agcctggcaa	acatgatgaa	accctgtctc	tactaaaaat	3420
acaaaaaaa	aaaaaattac	ccaggcgggg	gggggcacac	ctgtagtctt	agctacttgg	3480
gaggctgagg	caggaaaatt	gcttgaaccc	aggaggggga	ggttgcagta	agccaagatc	3540

acaccactgc actccaacct ggacaacaga gcgagactcc atctcaaaaa aaaaa

3595

<210> 5922
<211> 1011
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (420)...(65)
<223> similar to gil68459 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5922
cgggctggaa cagagcagcc ggcctctgtc ctaagactgg ccacgctgag acggacaggc 60
agcaggggag cgaccggagc tggggcgctg gatgtgggga aaggagaga ggtgttaggg 120
aggccccag tctcgggccc aggttacaag gtcttaccct ggggtgggaa cccaggaggt 180
ggagtggctg gggggcacag ctgagaagtt caggaagatg gaggatgagg attcccaggt 240
tcctccctgt ccatgtcagg gtgaggggtg caggagcaca gaggccatgc tctgccatgg 300
ctggggactt ccttgtgaat actgcagccc tagggctgca aggggacacc acgcacagag 360
acacggcagg ccccggtgtg gccgggggtg ggggtgaggg cagaaccagc cgagggacgc 420
tgagtcagac cgcttgccca ctgctctggt gcagggacct ggctgcaggt gctggagacc 480
atcgggtgtc tggcggcat tgccaatggg atggtcattg ccttcacatc tgagttcatc 540
ccccgagtgg tctacaagta ccgctatagc ccatgcctga aagaaggcaa ctctactgtc 600
gactgcctca agggctacgt caaccacagc ctgtccgtct tccacaccaa ggacttccag 660
gacctgatg ggattgaggg ctcaaaaaac gtgactctgt gcaggtttgg aactccccat 720
cccccaagaa tgccctctga actcctgacc cctgacctca ggtacttctt taccacagat 780
acagggacta ccgcaatccc cccgattaca acttctccga gcagttctgg ttctctctgg 840
ccatccgcct ggccttcgtc atcctctttg agcacgtggc cttgtgcacg aagctcatcg 900
ccgcctgggt cgtgcccagc atccctcagt cgggtgaaga caaggttctg gaggtgaagt 960
accagaggct gcgtgagaag atgtggcatg gaaggcacag gcatgcgttg g 1011

<210> 5923
<211> 911
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(912)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (336)...(684)
<223> similar to gi5105617 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 5923
tttccggagc cgcggccctc cgggggagnag gaggaggggc ggcgggggaa gggagggcgg 60
gtggaggggt cgggaggaac ggggggcggg aaagatccgc cgggccgccc acacggcggc 120
acccgccgcc ggggtgaatc ctccgggcgg actgcgcgga cccacccgt ttaccttta 180
acggtttcac gccctcttga actctctctt caaagtctt ttcaactttc ccttacggta 240
cttggtgact atcgggtctc tgccggtatt tagccttaga tggagtttac caccgcctt 300
gggctgcatt cccaagcaac ccgactccgg gaagaccgg gcccggcgcg ccggggggccg 360
ctaccggcct cacaccgtcc acgggctggg cctcgatcag aaggacttgg gccccccacg 420
agcggcgccc gggagcgggt cttccgtacg ccacatgtcc cgcgccccgc cgcggggcgg 480
ggattcggcg ctgggctctt ccctgttcac tcgcggttac tgagggaatc ctggttagtt 540
tcttttctc cgtgactaa tatgcttaa ttcagcgggt cgcacgtct gctcgtgcg 600
aattcggcac gaactgtgat gcccttagat gtccggggct gcacgcgcgc tacactgact 660
ggctcagcgt gtgctaccc tacgccggca ggcgcgggta acccgttgaa cccattcgt 720
gatggggatc ggggattgca attattcccc atgaacgagg aattcccagt aagtgcgggt 780
cataagcttg cgttgattaa ggtgcatgac accacaccgg gctaattttt gtatttttag 840
tagagacagg gtttcacat gttggccagg atggtctaga tctcttgacc tcgtgatccg 900
ccttcctcgg c 911
```

<210> 5924

<211> 1041

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (53)...(40)

<223> similar to gil710367 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 5924
tggggcaagg atttcatgag catcctcctc taaacgcgtg tcaagacaaa agatgcttca 60
gctttgga aa cttgttctcc tgtgcggcgt gctcactggg acctcagagt ctcttcttga 120
caatcttggc aatgacctaa gcaatgtcgt ggataagctg gaacctgttc ttcacgaggg 180
acttgagaca gttgacaata ctcttaaagg catccttgag aaactgaagg tcgacctagg 240
agtgcctcag aaatccagt cttggcaact ggccaagcag aaggcccagg aagctgagaa 300
attgctgaac aatgtcattt ctaagctgct tccaactaac acggacattt ttgggttgaa 360
aatcagcaac tccctcatcc tggatgtcaa agctgaaccg atcgatgatg gcaaaggcct 420
taacctgagc tccctgtca ccgcgaatgt cactgaggcc gggcccatca ttgaccagat 480
tatcaacact gagagcctcc ttggacctcc tgaccgcagt cacaattgaa actgatcccc 540
agacacacca tcctgttgcc ggactgggag aatgcgccag agaccaacc agcatctcac 600
tttgcttgct ggacaaacac agccaaatca tcaacaagtt cgtgaatagc gtgatcaaca 660
cgctgaaaag cactgtatcc tccctgctgc agaaggagat atgtccactg atccgcatct 720
tcatccactc cctggatgtg aatgtcattc agcaggctcg cgataatcct cagcacaaaa 780
cccagctgca aacctcatc tgaagaggac gaatgaggag gaccactgtg gtgcatgctg 840
attggttccc agtggcttgc cccacccctc tatagcatct ccctccagga agctgctgcc 900
```

accacctaac	cagcgtgaaa	gcctgagtc	caccagaagg	accttcccag	ataccccctc	960
tcctcacagt	cagaacagca	gcctctacac	atgttgctct	gccctggca	ataaaggccc	1020
atttctgcac	caaaaaaaaa	a				1041

<210> 5925

<211> 2257

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1983)...(483)

<223> similar to gi5532485 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5925

tttttttttt	ttaaattttt	gaatttttatt	ttcgttttgt	tttacaactg	tggaacactc	60
agataatcta	taccatgtta	gtattcctac	aagagaaaac	gggtaaaaca	gtatttagaa	120
agcagtaccc	agtaaaacgt	tattacaagc	cattagatgt	gtttaaaaag	ttgataccta	180
atttataacc	ctgtaattgg	taaatgggtgc	atgacttaaa	tgttaaaatc	ctgtatttta	240
aggatagtct	tctgcagtta	caaatcccat	ataccagat	ttcctgtagg	cttcacaaat	300
cggaggggta	catagaatgt	gcaagagtca	aaggataaat	aatattataa	atatatatta	360
actatattac	ctaattaaaa	ccataatctg	ttaatacagc	tatggattaa	tttcaaaaaa	420
atgtaatcaa	atatattact	aatgggtgtag	ttggctgttt	tccaatgttg	gtaaagttat	480
taaagtctct	cactttcata	gagtcagat	tgagctgcc	aacgctgaaa	ttctccttct	540
gggttaaaag	cttggttttac	attcaaacct	ttcccattaa	gtgctaaata	tttgctgaat	600
gttggctgaa	cccgttaactg	cttaggagct	ggaagagttt	ggtttggacg	tgccgtaacg	660
tctaactctg	tgttacatgt	agtcactcca	gcttcattaa	ctgctgacac	agtataccac	720
ccagcatctt	tcttggtttac	atctttttatc	agtaaagtaa	ctcttccagt	gttatcttga	780
tataagctta	ttcggtcagt	gttgaattgt	accatttcat	tatttctttt	ccagaaaagc	840
tttgggtggag	gtatagccga	gatctggcat	tctagtttca	ctgaatctcc	ctctaaaact	900
tttttgctct	gtggtttgta	gataaacatt	ggtgctcttt	tatgttcttt	tgcaaggaca	960
tccagctgca	cagtgaagg	ggcttctcct	gctctattct	tggaacaca	tgcataagcc	1020
cctgcatctg	aagctctgac	tacttcaaag	atgagtgaat	gaagaccctt	ctcagacact	1080
atcattttgt	gcaaatcatc	tgattgaact	gttcttccat	ttagatacca	tgacacatca	1140
ggagctggca	gtccactcac	tttgaagtcc	attctgcaga	atcttctctc	atcaatcgac	1200
atgttctctg	gcacttgaat	gaaacgtgg	gggtaaaatt	tctcctggat	tgcatcctga	1260
tcattcacat	ctccccctga	ggttgatcta	cttcttactt	gtgatgtagg	aacttgcagt	1320
cgcgcagtgt	ctgagttgtg	ttgctgcgag	tcttgctgcac	cactgtcatc	ctgagcttga	1380
aacacagcag	ctgcattctg	tggtcctagc	aatctgcgag	ccatcttctc	ttcatatggt	1440
agacgttgat	ttccattatg	aagaagggtg	tccttgcaat	tcagctttct	ttccaaatct	1500
tgaatcaaag	cttcttttga	tccttgattt	tcatgatcag	gagttcttgg	tatgggctta	1560
accatttgca	gtttgggatg	gctttgccat	ttatagggtt	ggcccagctg	aggactgttg	1620
atagttggaa	tccatagcgg	aagggatttt	actgctattg	taatcaggct	gtgatggtaa	1680
tatggagctg	aggaagctgg	ctggggactg	gttatagggtg	gttgtaaccc	tttggcctgg	1740
gttggagcca	gcatgctgct	ggggagaagc	agggaaagca	gaggaggaca	tggtgatgtg	1800
agagctcagt	gttgaggagg	cagaaaatct	ttgctctgta	cactggcggg	gctggatgat	1860
aatggaagac	tgtttggtct	ggctagagaa	gctggagggtt	tctgggtccag	gaggctgcaa	1920
tctggagcca	catgggtttt	gggactggat	gaagtgtttt	ggacgttcgt	agttaaacad	1980
gcttagtttg	tatatggaag	atgaaggcaa	attattacta	taatgatttg	ttcctggaag	2040

ggtggggccc	tgaatttggg	gccacaagcc	tggaattacg	gaaggttgta	aggaatcaga	2100
agcaaccttg	gtctgtcttt	ccttggttag	atctgagaa	tactgtgctc	ctggctttgg	2160
tagagtgacc	ttctcttgaa	gaatattggt	cccgtagttc	cagaggggtgc	cagctggggtt	2220
taaccacta	ttgaaggga	ggaagaggca	tctcctt			2257

<210> 5926
 <211> 1297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (179)...(753)
 <223> similar to gi1841555 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5926						
cggacgcgtg	ggcaagccag	gaaggccctg	gagaatccgg	tgtgccccct	cctccggcag	60
agcttggggc	tgggctcacg	aggaaggggc	tgcagttctc	caaggattcc	cgctgtctcc	120
cagacccccg	ggagtcgtag	gaaccggttc	ctggacgctg	acgtcggctt	tcagggatcc	180
ctcgccggac	gccgcggagg	gacagagcct	gggaagccgt	cgccccgccc	cgccccgccc	240
cccgcgcgca	gtgggcccgg	ggcgtgaga	cccgctaga	gcaaagcgca	aggtcccagc	300
gcccttgga	tcctcgggtg	cagggtcggg	gcaagtgtca	ttgcgagggg	tcaggaagcc	360
ccggcctgtg	atcgtgagcg	gaaacccttc	ctggagtttc	cccaaagcca	tggacagccc	420
tagtcttcgt	gagcttcaac	agcctctgct	ggagggcaca	gaatgtgaga	cccctgcccc	480
gaagcctggc	aggcatgagc	tgggggtccc	cttaagagag	atagcctttg	ccgagtcctt	540
gaggggtttg	cagttcctgt	caccgcctct	tccctccgtg	agcgctggcc	tgggggaacc	600
aaggccccct	gatgttgagg	acatgtcate	cagtgcagct	gactcggact	gggatggagg	660
cagcgtcttt	tcaccatttc	tacccacga	ccacctcggc	ttggtgtctt	tctccatgct	720
gtgttggttc	tggcccgttg	gcacgcgtgc	cttctgtcta	gcccagaagc	atccccagtg	780
cctgacctat	agtaggtgct	acgtatctgc	ttttggaata	catgcatgaa	tgaatgaatg	840
ggtatgttgg	gtgggggagg	gaccagggga	agggctctggg	actgagggga	tgccctgggtc	900
actgctgccc	actgcctcta	cagaccaaca	aggcttgggc	caagggggac	atccaggggg	960
caggggcccgc	ctcccgcctg	gccttcctgc	tgggggtcct	cgccgtcggg	ctgggcgtgt	1020
gcacgtatgc	ggctgcccctg	gtgaccctgg	ccgcctacct	tgccctccga	gaccgcctct	1080
agttgccccct	acagccctca	ctgtgaaccc	tgaggccggc	agcccagcaa	atctgtgggc	1140
agagagtgga	gaatcttggt	ggatgaggct	gcggcgccgg	caggagcatc	tagaaacggg	1200
agcgagctgg	actggaaccc	ttccccttcc	tggccaccgc	tcttcggggc	gcagcaacct	1260
gagattaaac	accagacacc	cttgacgcca	aaaaaaaa			1297

<210> 5927
 <211> 2548
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (170)...(2039)
 <223> similar to gi402649 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5927

agccgcaaac	ccagcggagg	gcgggaagaa	ggaggaggcc	tctaggggtg	tcgggggact	60
gggggccccg	ccggcagagg	tcctctggcc	tcctgactga	ctgactgcgg	ccgcctccgg	120
caaggtacgc	tagggagctg	cctgacggga	aggtgcgggg	agcggacgca	tggcctccgg	180
tgctttataa	cccgtatata	gagataattg	aacaaccag	gcagagggga	atgcgtttta	240
gatacaaatg	tgaagggcga	tcagcaggca	gcattccagg	ggagcacagc	acagacaaca	300
accgaacata	cccttctatc	cagattatga	actattatgg	aaaaggaaaa	gttgagaatt	360
acattagtaa	caaaagaatg	acccatataa	acctcatcct	catgatttag	ttggaaaaga	420
ctgcagagac	cggtactat	gaagcagaat	ttggacaaga	accgcagacc	ttttgttttt	480
ccaaaatttt	gggtattcga	tgtgtgaaga	aaaaagaagt	aaaagaggct	gataattaca	540
aggaataaag	gcaggaatca	atccattcga	tgtccctga	aaacagctga	atgatattga	600
agattgtgac	ctcgatgtgg	tgagactgtg	gtttcgagtt	tttctccctg	atggacatgg	660
taatttgagc	gactgctctt	cctcctgtgt	gtctcgagcc	caatttatga	caaccgtgct	720
ccaaatactg	cagaattaag	ggtctgtcgt	gtaaacaga	attgtggaag	tgtcagagga	780
ggagatgaaa	tatttctact	ttgtgacaaa	gttcagaaag	atgacataga	agttcgtttt	840
gtgttgaacg	attgggaagc	aaaaggcatc	ttttcacaag	ctgatgtaca	ccgtcaagta	900
gccattgttt	tcaaaactcc	accatattgc	aaagctatca	cagaaccctg	aacagtaaaa	960
atgcagttgc	ggagaccttc	tgaccaggaa	gttagtgaat	ctatggattt	tagatatctg	1020
ccagatgaaa	aagatactta	cggcaataaa	gcaaagaaac	aaaagacaac	tctgcttttc	1080
cagaaactgt	gccaggatca	cgtagaaaca	gggtttcgcc	atgttgacca	ggatggtcct	1140
gaactcctga	catcagggtga	tccaccacc	ttggcctccc	aaagtgtcgg	gattacagtt	1200
aattttcctg	agagaccaag	acctggtctc	ctcggttcaa	ttggagaagg	aagatacttc	1260
aaaaaagaac	caaacttggt	ttctcatgat	gcagttgtga	gagaaatgcc	tacagggggt	1320
tcaagtcaag	cagaatccta	ctatccctca	cctgggcccc	tctcaagtgg	attgtcacat	1380
catgcctcaa	tggcacctct	gccttcttca	agctggtcat	cagtggcccc	ccccaccccc	1440
cgctcaggca	atacaaacc	actgagtagt	ttttcaacaa	ggacacttcc	ttctaattcg	1500
caaggtatcc	caccattcct	gagaatacct	gttgggaatg	atttaaattgc	ttctaattgct	1560
tgcatttaca	acaatgccga	tgacatagtc	ggaatggaag	cgatcatccat	gccatcagca	1620
gatttatatg	gtatttctga	tcccaacatg	ctgtctaat	gttctgtgaa	tatgatgaca	1680
accagcagtg	acagcatggg	agagactgat	aatccaagac	ttctgagcat	gaatcttgaa	1740
aaccctcat	gtaattcagt	gttagaccga	agagacttga	gacagctcca	tcagatgtcc	1800
tcttccagta	tgtcagcagg	cgccaattcc	aatactactg	ttttgttttc	acaatcagat	1860
gcatttgagg	gatctgactt	cagttgtgca	gataacagca	tgataaatga	gtcgggacca	1920
tcaaacagta	ctaattccaa	cagtcagtgt	tttgttcaag	atagtcagta	ttcaggtatt	1980
ggcagtatgc	aaaatgagca	attgagtgc	tcctttccat	atgaattttt	tcaagtataa	2040
cttgcaagat	ttaaatcctt	ttaaatcttg	ataccacctt	tatagatgca	gcattttgta	2100
tttgtctaac	tggggatata	atactatatt	tatactgtat	atataatact	gactgagaat	2160
ataatactgt	atttgagaat	ataaaaaact	tttttcaggg	aagaagcata	caactttgga	2220
catagcgaat	acaaaattgg	aagctgtcat	aaaaagacaa	ctcagaggcc	aggcgcaggg	2280
gctcacacct	gtaatcctag	cactttggga	ggccaaggcg	ggtggatcac	ttgagaccag	2340
gaattcgaga	ccagcctggc	caacatggtg	aaaccccgtc	tctactaaaa	atacaaaaat	2400
tagctgagca	tgggtgtacg	tgctgtact	gtcagctact	tgggaggctg	aggcacaata	2460
attgtttgaa	cccaggaagc	agaggttgca	gtgagctgag	atcacaccac	cgcactccag	2520
cctgggtgac	agagtgcagc	tctgtctc				2548

<210> 5928
 <211> 959
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (829)...(867)
 <223> similar to gi2828026 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5928
 cagagcgaga ccctgtctca cgaaaaacaa aaacgatcaa aaagctccca aataacatgg 60
 atggggacag gcgccatgaa gggctgacat gggagggaga cataggcagt ggctggcagg 120
 gggcaggtgg ggatgggggt cagggggagg aggtgcctgc tgggcctagt gtgtcatgtc 180
 ccctccacac acgccaccaa actcccactg ctccgagccg cactacatcc ctgctcccca 240
 gcctaggggc tgtgtctggg cctgaccctt tgtgagctct cctcagtcct agtcaagtgg 300
 acctctctcc tccctctcca cagcccttgc ccttgtccag gccaccatca ccataccaa 360
 caccatcctt gccagcctgg agtccccctt cttcattctg tggggctaata ggggggtggc 420
 gtgtgggaag cctctggggg ctaccgttgg ggagctctgc atggctgagg ttgggggttc 480
 tctgggaacc tgtggccaag ggtctctggg cacagtgcg aggtgggcct ggcttttcca 540
 cagtggagtc cattgatgat tacgtgaacg ttccggagag cggggagagc gcagaagcgt 600
 ctctgggtga gtgaccgggt cttgtcgggt cctgcccctg caccctcgtg cccaccatg 660
 ctctcagtgt gaccagatcc caccctgggg ctaccacac cctctgcccc ctctgtctgg 720
 gcgtcccctt gctctctcgc cctcctgacc cctttgcgtg gctgcccctc cttctgatct 780
 gtccccacag atggcagccg ggagtatgtg aatgtgtccc aggaactgca tcttgagcgg 840
 gctaagactg agcctggtgt gttctgcggg aggggcagga gctggggtag ctgctttggg 900
 cttgggggga tagcttgcaa gctggagacc aacctcccct cccttacagc cgccctgag 959

<210> 5929
 <211> 1424
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (280)...(1186)
 <223> similar to gi4586838 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5929
 ttgttgggta tcctgatgat ggcaaagtgc ttcatttatt ttattatgga agtctccaaa 60
 agcagtagcc aagaaaaaaa tggaaaaggg gaagtaataa tacccaaaga gaagttctgg 120
 aagatatcta cccctcccga ggcatactgg aaccgagagc aagagaagct gaaccggcag 180
 tacaacccca tcctgagcat gctgaccaac catacggggg aggcgggcag gctctccaat 240
 ataagccatc tgaactactg cgaacctgac ctgaggggtc cgtcgggtgt tacgggtttt 300
 aacaacttgc cggacagatt taaagacttt ctgctgtatt tgagatgccg caattattca 360

ctgcttatag	atcagccgga	taagtgtgca	aagaaacctt	tcttgttgct	ggcgattaag	420
tccctcactc	cacattttgc	cagaaggcaa	ggcaatccgg	gaatcctggg	gccaagaaag	480
caacgcaggg	aaccaaaccg	tggcgagagt	cttcctgctg	ggccagacac	ccccagagga	540
caaccacccc	gacctttcag	atatgctgaa	atttgagagt	gagaagcacc	aagacattct	600
tatgtggaac	tacagagaca	ctttcttcaa	cttgtctctg	aaggaagtgc	tgtttctcag	660
gtgggtaagt	acttcctgcc	cagacactga	gtttgttttc	aagggcgatg	acgatgtttt	720
tgtgaacacc	catcacatcc	tgaattactt	gaatagttta	tccaagacca	aagccaaaga	780
tctcttcata	ggtgatgtga	tccacaatgc	tggacctcat	cgggataaga	agctgaagta	840
ctacatccca	gaagtgtgtt	actctggcct	ctaccacccc	tatgcagggg	gaggggggtt	900
cctctactcc	ggccacctgg	ccctgaggct	gtaccatata	actgaccagg	tccatctcta	960
ccccattgat	gacgtttata	ctggaatgtg	ccttcagaaa	ctcggcctcg	ttccagagaa	1020
acacaaaggc	ttcaggacat	ttgatatcga	ggagaaaaac	aaaaataaca	tctgtctcta	1080
tgtagatctg	atgttagtac	atagtagaaa	acctcaagag	atgattgata	tttgggtctca	1140
gttgcagagt	gctcatTTaa	aatgctaaaa	tagatacaaa	ctcaattttg	catagaaagg	1200
tgtatTTTga	atagttccca	tgTTgtgttc	tcacattata	gtaatttcta	tattatacca	1260
tgaaaattgt	ctttatgagt	gatacccaat	tgagggcctc	taaacccttc	tctttgttac	1320
taacccttat	attgatagtc	ttatttgttt	ttttcttttt	tatctctctt	gtgtattctt	1380
tcactcttat	tcttactatt	tgtactatct	cttttatata	ttcg		1424

<210> 5930

<211> 2634

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (95)...(2042)

<223> similar to gi5901872 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5930

tttcgtaaga	cgacgaggag	gctgcgaaaa	gttaagggcc	ggaccgcagg	ctgtgctcgc	60
ttccggaagt	ggcttctgcg	acaacatgct	tgccgacctc	ggcttaatcg	gaaccatagg	120
cgaggatgac	gaggtgccgg	tggagcccga	gtctgactcc	ggggacgagg	aagaggaggg	180
gccccattgtg	ctgggcagac	gacaaaaagc	tttggggaag	aaccgcagtg	ctgatttcaa	240
ccctgatttc	gttttctactg	agaaggaggg	gacgtacgat	ggcagctggg	ccctggctga	300
tgtcatgagc	caactcaaga	agaagagggc	agccactaca	ttagatgaga	agattgagaa	360
agttcgaaag	aaaaggaaaa	cagaggataa	agaagccaag	tctgggaagt	tggaaaagga	420
gaaagaagca	aaggaaggct	ctgaacccaa	ggagcaggaa	gaccttcaag	agaatgatga	480
ggaaggctca	gaagatgaag	cctcggagac	tgactactca	tcagctgatg	agaacatcct	540
caccaaagca	gatacactca	aagtaaagga	tcggaagaag	aagaagaaga	aaggacagga	600
agcaggagga	ttttttgaag	atgcatctca	gtacgatgaa	aacctctcgt	tccaggacat	660
gaacctttcc	cgccctcttc	tgaaggccat	tacagccatg	ggcttcaagc	agcccccccc	720
gatccagaag	gcgtgcatac	ctgtgggtct	attggggaag	gacatctgtg	cctgtgcagc	780
cactgggaca	ggtaaaaactg	ccgcctttgc	cctgcctgtt	ttggagcgtc	tgatttataa	840
accccgccag	gctccagtca	cccgcgtgct	ggtgctagtg	cccacccgag	agctgggcat	900
ccagggtcac	tctgtcacca	gacagctggc	ccagttctgc	aacatcacca	cctgcctggc	960
tgtgggcggc	ttggatgtga	agtctcagga	agcagctctt	cgggcagcgc	ctgacatcct	1020
catcgccacc	ccaggccggc	tcatcgatca	cctccacaac	tgcccttctt	tccacctgag	1080
cagcatcgag	gtgctcatcc	tggacgaggc	tgacaggatg	ctggatgagt	actttgagga	1140

gcagatgaag	gagatcatcc	gaatgtgttc	ccaccaccgc	cagaccatgc	tcttctcggc	1200
caccatgaca	gacgaggtga	aagatctggc	ttctgtctcc	ttgaagaatc	ctgtccggat	1260
atttgtgaac	agcaacacag	atgtggctcc	cttctgtcgg	caggagttca	tccggatccg	1320
gcctaatacgt	gaaggagacc	gggaagccat	cgtggcagct	ttgttgacga	ggaccttcac	1380
tgaccatgtg	atgctgttca	cgcaaaccac	gaagcaggcc	caccgcatgc	acatcctcct	1440
ggggctcatg	gggctgcagg	tgggtgagct	ccatggcaac	ttgtcacaga	cgcagcggct	1500
ggaggccctc	cggcgtttta	aggatgaaca	gattgacatc	ctcgtggcca	ctgatgtggc	1560
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gcagcagtca	gaagcccaga	tcaatacagc	aaagcggctc	ctggagaagg	ggaaggaggc	1920
agtgggtccaa	gagcccagaga	ggagctgggt	ccagacccaa	gaagagagga	agaaggagaa	1980
aattgccaaa	gctctgcagg	aatttgactt	ggccttaaga	ggaaagaaga	aaaggaagaa	2040
gtttatgaag	gatgccaaaa	aaaaggggga	gatgacagca	gaggaaaggt	ctcagtttga	2100
aatcctcaag	gcgcagatgt	ttgctgaacg	gctagcgaag	aggaatcgca	gagccaagcg	2160
ggccccgagca	atgccccgagg	aggagccagt	gagaggtcct	gccaaagaagc	aaaagcaggg	2220
gaagaaatct	gtatttgatg	agaactcac	caacacaagc	agaaggccc	tgaaacagta	2280
tcgagctggc	ccttcctttg	agaaaaggaa	acagttgggc	ttgccccacc	agagacgagg	2340
aggaaacttt	aatctctaat	ccagatacaa	gaggaggaag	tagctgtcgt	ggcctgaaga	2400
aattcatggg	ggcagccctt	aaatcccttc	cctgtgggaa	gtcatcctgg	ctggtctgtc	2460
ttttctccat	ttgtttaaaa	aaaaaacaaa	aacaaaaaac	aacactttgg	tgtggtggta	2520
tggtacgtag	ctattttctt	aagcatgtct	gtcaatctcc	cttcttgctg	attagctttc	2580
atagactatt	attaaatgga	agtatttttg	ggaaaagaga	aaccaaaaaa	aaaa	2634

<210> 5931

<211> 897

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (889)...(162)

<223> similar to gi33724 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5931

tttttttttt	ttctgattga	caatgagaat	atttattgag	ggttttattga	gtgcagggac	60
gaagggtctg	atgccccctg	ggtgggagga	gagaccccct	cccccgggaa	tcctgcagct	120
ctagtcctcc	cgtgggtggg	ggtgaggggt	tgagaacctc	tgaacattct	gtaagggtcc	180
actgtcttcc	tcccacggtg	ctccccttca	atgcgtgacc	ctggcaactg	taaccttctg	240
tgggaacttc	cactgctcaa	gccgtcaagc	ctaagataag	ctgctggccg	cgtacttggt	300
gttgctttgt	tgtggagggt	gtgggggggt	ctccactccc	gccttgacgg	ggctgctatg	360
ctgccttccc	aggccacttg	tcacggctcc	cggggtagaa	gtcacttatg	gagacacacc	420
agtgtggcca	ttgttgggct	tgaagctcct	cagaggaggg	ctgggaacag	agtgacccga	480
ggggagcagc	cttgggctgg	acctaaggac	gggtaagctt	ggccccctcc	gccgaatacc	540
acatgatcac	tactactatc	ccacacctga	cagtaatagt	catccctcat	ccatagcctg	600
tgtcccgtg	atggtcaaag	tggctgttgt	tccagagttg	gagccataga	atcgtttatg	660
gatccctgag	ggccggctgc	tatcaccata	gacgaccagc	acaggggcct	ggcctggctt	720

ctgctggtac	cagtgcacac	ttttacttgc	aatgttgatt	ccccacagc	taatcctggc	780
cgcttttct	ggggccactg	acaccgaggg	tggctgagtc	agcacatagg	aggtcacaga	840
gcctgtgcag	tgagagagga	ggccgaggag	gagaacggtc	caggccatgg	ctgaggc	897

<210> 5932

<211> 2352

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (102)...(1508)

<223> similar to gi3878119 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5932

tttcgtctgc	gcgagagttt	ctgctcgctc	aaccgagttg	tcgtgttgcc	ctcgtttctc	60
agatccccgc	cggaagtga	gagagcaagc	agatttgaac	ctatctgctt	tcaagctggt	120
catcatgatg	aaacttagac	acaaaaataa	aaagccaggt	gaaggttcca	agggccacaa	180
gaagataagt	tggccctacc	ctcagcctgc	aaagcaaaat	gggaagaaag	caacctccaa	240
agtgcctct	gcacctcatt	ttgttcaccc	caatgatcat	gccaatcgag	aggctgaatt	300
aaagaagaag	tgggttgagg	agatgagggg	gaagcagcaa	gccgcccggg	agcaagaaag	360
acaaaaacgc	aggaccattg	agagctactg	tcaggatgtc	ctaagacgcc	aggaggagtt	420
tgagcataag	gaggaaagtt	tcaggaatt	aaatatgttt	cctcagctgg	atgacgaggc	480
cacgaggaag	gcttattaca	aggagttccg	taaggtggtg	gaatactctg	atgtgattct	540
ggaagtccctg	gatgccagag	accattagg	ctgccgctgc	ttccaaatgg	aggaggctgt	600
cctgcgagca	caaggcaaca	agaagctggt	cctggtcttg	aacaagattg	acctggtccc	660
caaggaggtt	gtggagaaat	ggctggatta	ccttcggaat	gagttgcaa	ccgtggcttt	720
caaggccagt	accagcatc	aggtcaaaaa	cctgaatcgt	tgagtggtgc	cagtagatca	780
ggcctctgag	tactgctga	aaagcaaagc	ctgctttgga	gctgaaaacc	tcatgagggg	840
tctggggaac	tattgccgcc	ttggtgaagt	gcgcaccac	attcgtgtgg	gtgttgtggg	900
tcttcccaat	gttggaaga	gcagcctgat	caatagcctg	aagcgcagcc	gcgcagtcag	960
cgtgggagct	gttcttgga	ttaccaaat	catgcaggag	gtctacctgg	acaagttcat	1020
ccggtccttg	gatgtccag	gcattgtccc	agggcccaac	tcagaggtgg	gcaccatcct	1080
gcgtaactgc	gtccacgtgc	agaagctggc	agaccctgtg	acccagtggt	agaccatcct	1140
gcagcgctgc	aacctggagg	agatttccaa	ctattatggc	gtctctgggt	tccagaccac	1200
tgagcacttt	ctgacggcag	tggcccaccg	tttggggaag	aagaagaagg	gaggcttata	1260
tagtcaggaa	caggcggcca	aagctgtcct	agctgactgg	gtgagcgga	agatcagctt	1320
ctatatacca	ccaccagcca	ctcacactct	gcccacccat	ctcagtgtct	agatcggtta	1380
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cgtgtataag	attggagatc	tactgggta	ttgcaccaat	ccgaaccgtc	atcagatggg	1620
gtgggctaaa	cgcaatgtgg	accaccgccc	taagagcaac	agtatggtgg	atgtctgtct	1680
agtggaccgc	cgctcagtg	tcagaggat	catggagacg	gacccctgc	aacagggccca	1740
ggctctggca	tctgccctga	aaaataagaa	gaagatgcag	aaacgtgcag	ataaaatcgc	1800
cagcaagctg	tctgattcca	tgatgtctgc	tctcgacctc	tctggcaatg	ctgatgatgg	1860
tgttggtgac	taatcgactg	atctcacttc	ccttcgctc	caagcaccag	ttccggtggt	1920
acgggggaat	accagtga	tagtttggtt	ctccctgaag	catctgcata	ttgaaagaac	1980
gctttcccca	ctgtgtgtct	tctccccctc	ctccagtaaa	aacagtcccg	gctgggtgct	2040

gtggctcacg	tctgtaatcc	cagcactttg	ggaggccgag	gtgggaggat	cacctgaggt	2100
cgggagttcg	agaccagcct	ggccaacatg	gtgaaacccc	gtctctacta	aaaatacaaa	2160
aaaatttagc	cgtgcttagt	ggcacctata	gtcccagcta	cttgggaggc	tgaggcagga	2220
gaatcgccg	aacctgggag	actaaggcgg	gagaatcgcc	tggacctggg	aggcagaggt	2280
tgcagtgagc	ccagaccca	ccattgcact	ctagcctggg	caacaaccg	aaactccgtc	2340
ccaaaaaaaa	aa					2352

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<210> 5933
<211> 1081
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (242)...(443)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5933						
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ctggcgaccg	ctgcctccgg	gaagtttaca	gaccgaggag	acgttcgcta	caggatcttg	120
ggacaatgag	gaaaattata	tttactgtg	gtctattgga	gattttggaa	acttggaactc	180
tgatggaggg	tttgaaggag	accatcagtt	attgtgtgat	atcagacacc	atgggtgatgt	240
aatggattta	cagttttttg	accaggaaag	aattgtcgct	gcttcatcaa	caggatgtgt	300
aacagttttc	cttcaccatc	caaataacca	gactctgtca	gtcaaccagc	agtggactac	360
agctcactac	cacacaggcc	ctggcagtcc	ttcctatagc	agtgcaccat	gtacaggtgt	420
tgtgtgcaac	aacccaaaaa	tcgttacagt	tggagaggat	ggtcgaataa	atctcttcag	480
agctgatcac	aaggaagctg	taagaacat	agacaatgca	gatagtagta	cactccatgc	540
tgtaaccttt	cttcgaactc	ctgagattct	tactgtaaat	tcaattggac	agttgaaaat	600
atgggatttc	agacaacaag	gaaatgagcc	ttctcagatt	attgtcactg	actggtgacc	660
gagtgccact	ccactgtgtt	gatagacatc	ccaaccaaca	gcatgttgta	gctactggtg	720
gccaaagatg	aatgttgagt	atttgggatg	ttagacaagg	tactatgcct	gtatctctgc	780
tgaaggctca	tgaagctgaa	atgtgggaag	ttcactttca	cccatccaac	ccagaacatc	840
tttttacctg	ctctgaagat	ggatccctct	ggcactggga	tgcttcacac	gatgtacctg	900
aaaagtcgtc	actctttcac	caagaaaaat	tctggagcgg	agagcatgtg	tggagcatgc	960
atgcatgtcc	atgctataac	ttcatctaca	gagaaacaaa	cagtttcatc	taaggattaa	1020
ctaagaggaa	gaagcagtac	ttttttgtct	catagcatta	gtaaccaagc	taatgttcac	1080
c						1081

```

<210> 5934
<211> 1898
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (1868)...(611)

<223> similar to gi1842105 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5934

cgtcgacttt	ttttttttaa	agtttcatag	tggttctctt	atttataaaa	taatcacatt	60
caagtcttac	cagagagtag	caaagtcttc	aattcctttc	ctttcctttg	aagaaataat	120
gtagagcaat	cactcataaa	tcctctaat	tataaataaa	atccaagata	ttatttgaca	180
atgagatgct	ttattttaa	ttgatacatt	tactatataa	gaattctgtg	aaaaaatggg	240
gtatgaaatt	attttggatc	tgaatctttg	cattataaaa	tctaacccaa	aactatgtca	300
tttcaactgta	ttctgtgact	attagcagat	ggatgaccaa	aggcaactac	ttcctttcct	360
ggcaaaacaa	gacaagtttc	agctgacttc	cccatgggtg	tacaagttct	cctagtgaag	420
taaaaagtcc	caacccctct	ttctatgcat	gtcatctcca	ggaaggtaag	ctttgggaag	480
cacctgcgcc	agccctatat	ctgtgcttgg	catgagggtc	acacagggtc	ggccttgaga	540
tggggatggt	cctctcaacc	aaacaactct	acttgaatta	ttccgagact	ccttggaggg	600
gtgaaacttc	aggcctgggt	gtctctgcag	tgagatgtct	gtggttggta	aacagttctg	660
tagagtcttg	ttctactgat	ctttcttcta	ggtctgactc	tgggattgta	gtacaaccac	720
ctggcatgac	catggtctgg	tgggggctgc	tgcacggta	cttaggcaga	gacggccacc	780
tttggataat	ctatcgaga	gcaagggtgat	atgtttcttc	agttggcttg	tgtcctttgg	840
gtatgttcaa	gctggctggt	gaagggtcaa	aagcctgctc	ccttagaaac	tcttcgacag	900
gcaagtcttc	caacaggtgg	gaaatggcgg	catccaccgt	ttcttcccag	ccaattctt	960
gagtgtcttc	ttgtagcggc	agaaatgccg	cttccagaat	agcaacctgg	tcagcactaa	1020
gcttctgcca	cagcgcgac	agcagaatca	ccaaatgggt	ggcactcttc	agcctgggtga	1080
atgactggaa	cagattgcct	tggttttctt	ccactgcac	tgctagagca	attacctgct	1140
tgtaggttcc	atctaacaag	gtgtccaggt	ggtgaagagg	ggcaggagtt	ttatctttga	1200
atcttgctag	tagccggcgt	tgaatggccc	gaaattgtac	agctctctca	gataagagtt	1260
cttctaattt	ttcaccattt	atccgtagct	caaaatggat	ggatccaatc	aactccaaaa	1320
tattccttga	aaggggtaat	agatccccga	aaaagaacat	gcaaaatctt	tgactccctg	1380
tttttcaaaa	tattcttgaa	ggcgaagaat	aagctcattg	gttaatgaag	cccaaagatc	1440
cttcaaattg	ttccactcct	ggaatgcaaa	tatccgttga	agaagttttg	gaagcaagaa	1500
cagtaattcc	gagcacctcc	ctaagaagtg	aaaaccatt	acattcacct	gatcatcatc	1560
tgactgactg	gcaaaacctg	ggaagagact	aagaagactg	actggagatt	tgttggtatc	1620
aatagtaatt	ttgtggcttg	cagtttttga	aggctgacct	ggtaggcaaa	ttaactttag	1680
gggaagtcta	aatttacatt	ggataactcg	cggaatgcca	tcaggatttc	gattcataaa	1740
ttcaaagggt	aactgatcac	aagtcaattc	taatggtggt	tgcacgtaga	ctgataattt	1800
ggctttttgc	aatatcactc	tgttctgcag	tgtgaccttc	accgtgacag	aagggaacaag	1860
gtcagttccc	acctcaacat	cggtcgcttg	agaaactg			1898

<210> 5935

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (697)...(698)

<223> similar to gi522145 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters


```

<400> 5935
cggcacgaga tcatctcagt gagacagggt aactctatca cagccacaga gctgataatg      60
cagtgagtcc cagatatata cctcatttgt ctaatcccag agaattctct aggtgacttt      120
ttcaggataa gacacagttt tatctttatg aaaatttcct taacttttca ggagagaagg      180
ctcttatgac cgatacctac gaatggatga ctattgcagg agaaaggatg actcttattt      240
tgaccgttac agagatagct ttgatggacg gggccctcca ggcccagaaa gtcagtctcg      300
tgcaaaaggt aaagtagctg aaacagtcta ttctattat tgatagaaca ctttacaaaa      360
gagagaggaa actaataacc agtaccacca tctgaaaaag ggctagtgcc ttggccaagc      420
agtgatataa aagaagaaat ataagtagct tattagtggg taaagagcat ttggcttgaa      480
aatgattttt aagatgcaaa ttagtaccat catctgggtt agtcatccaa caagaagaaa      540
taaatatgaa attccagcaa taagaaatga acaaaatgct ggtcactgtg gccaccacct      600
gtaatcctag cactttggaa ggccaaggcc ggcagatcac ttgagcccag gagttcgaga      660
ccagcttaag caacatgata aaaccccatc tctacaaaaa aaaa                          704

```

<210> 5936

<211> 2203

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (775)...(1647)

<223> similar to gil73157 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5936
tttcgtgacc gatggagatg ggggctgcgg ctgagtgcag gacggtggag gccagagacc      60
cgggcctgaa ggggggggaca aacctgggtg cccgcaggag cccggcaggg tgtcttacia      120
gtatcaagaa cttactatat gtggttgaat aaacaatcaa ggtaaagagc atcaagtaaa      180
aacttctgct tgttgataag tacttcagac attccccagc tggctgaagt ggcataatgaa      240
ttatgaagtt ggatcatttg gaatgaatgt aagagaattg ccaagggctc ctctactcc      300
agagaggaaa cctcatccag ggccatgaag ccacttcctc accatctgtg tgctgcttaa      360
gctaagtctg cgggaaccat ggttccttgg gaggaatcaa gctgactctt ggcataatgaa      420
tctgccttc ctagggttga gagcggcact gccatggctt ctctggacga cccaggggaa      480
gtgagggagg gcttcctctg ccctctgtgc ctgaaggatc tgcagtcttt ctatcagctt      540
cactcacatt acgaggaaga acactcaggg gaagaccgtg atgtcaaagg gcaaattaaa      600
agtcttgtcc agaaggctaa aaaagcaaag gccaggttgt tgaaacgaga aggggatcat      660
cgagcagagt cagggacca aggatatgag tctgtcagct atggaggggt tgatccgtac      720
atgtgggaac cccaggagcg tggtagctgt gactatgcca tctttccgac ttcaaaaaaac      780
accgagctgc tagaattgac cactatgttg tggaggtcaa taaactaata atcaggttag      840
agaagctcac tgcatttgac agaacaaata ctgagtctgc aaagattcga gcaatagaaa      900
agtctgtggt gccttgggtc aacgaccagg atgtcccttt ctgtccagac tgtgggaata      960
agttcagcat ccggaaccgc cgccaccact gccgcctctg cgggtctatt atgtgcaaga     1020
agtgtatgga gctcatcagc ctcccttgg caaacaagct caccagtgcc agcaaggagt     1080
ccctgagcac ccacaccagc cccagccagt caccacaacag tgtccatggc tcccgcggag     1140
gcagcatcag cagcatgagc agtgctcagct cggctcctgga tgagaaggac gatgaccgga     1200
tccgctgctg tacacactgc aaggacacgc tgctcaagag agagcagcag attgatgaga     1260
aggagcacac acctgacatc gtgaagctct acgagaaatt acgactttgc atggagaaaag     1320

```

ttgaccagaa	agctccagaa	tacatcagga	tggcagcatc	attaaatgct	ggggagacaa	1380
cctacagtct	ggaacatgcc	agtgccttc	gagtggaa	gcagaaagt	tatgagctga	1440
tagacgcttt	aagtaagaag	atcttaacct	tgggcttgaa	ccaggacct	ccaccacatc	1500
caagcaattt	gcggctgcag	agaatgatca	gatactcagc	tacacttttt	gtgcaggaaa	1560
agttgcttgg	tttgatgtca	ctgccaaacca	aagaacagtt	tgaggaactg	aaaaagaaaa	1620
ggaaggagga	aatggagagg	aagagggccg	tggagagaca	agctgccctg	gagtcccagc	1680
gaaggcttga	ggaaaggcag	agtggcctgg	cttctcgagc	ggccaacggg	gaggtggcat	1740
ctctccgcag	gggccctgcc	cccttgagaa	aggctgaggg	ctggctccca	ctgtcaggag	1800
gtcaggggca	gagtgaggac	tcagaccgc	tcctccagca	gatccacaac	atcacatcat	1860
tcacagggca	ggccaaggcc	gcgggccgca	tggatgaagt	gcgcactctg	caggagaacc	1920
tgccgcagct	gcaggacgag	tatgaccagc	agcagacaga	gaaggccatc	gagctgtccc	1980
ggaggcaggc	tgaggaggag	gacctgcagc	gggaacagct	gcagatgttg	cgtgaacggg	2040
agttggaacg	agaaagggag	cagtttcggg	tggcatccct	gcacacacgg	actcggtccc	2100
tggacttcag	agaaatcggc	ccttttcagc	tggagcccag	cagagagcct	cgcacccacc	2160
ttgcttatgc	tttgatcta	ggctcttccc	cagttccaag	cac		2203

<210> 5937

<211> 2547

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (221)...(2331)

<223> similar to gil65652 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5937

aatttcgggt	tcgacgatcc	cgccccctgg	cggagccggc	gcgcccgggg	tgccgctccc	60
tgccctggcg	gctccgcacc	tggaggtgcc	ttgcccctct	cctgcccacc	tcggaatttc	120
cctgtggctc	ctttgatcct	tcgagttccc	agctcctctc	ccttccacct	gtttccccca	180
agaaaggcag	gatcctggtc	cctgctacgt	ttctggggcc	atggctggtc	tgggccccgg	240
cgtaggcgat	tcagaggggg	gaccccggcc	cctgttttgc	agaaaggggg	ctctgaggca	300
gaaggtggtc	cacgaagtca	agagccacaa	gttcaccgct	cgcttcttca	agcagcccac	360
cttctgcagc	cactgcaccg	acttcattct	gggtatcgga	aagcagggcc	tgcaatgtca	420
agtctgcagc	tttggtgttc	atcgacgatg	ccacgaattt	gtgaccttcg	agtgtccagg	480
cgctgggaag	ggcccccaga	cggacgaccc	ccggaacaaa	cacaagttcc	gcctgcatag	540
ctacagcagc	cccaccttct	gcgaccactg	tggctccctc	ctctacgggc	ttgtgcacca	600
gggcatgaaa	tggtcttgct	gcgagatgaa	cgtgcaccgg	cgctgtgtgc	gtagcgtgcc	660
ctctctgtgc	ggtgtggacc	acaccgagcg	ccgcggggcg	ctgcagctgg	agatccgggc	720
tcccacagca	gatgagatcc	acgtaactgt	tggcgaggcc	cgtaacctaa	ttcctatgga	780
ccccaatggt	ctctctgatc	cctatgtgaa	actgaagctc	atcccagacc	ctcggaacct	840
gacgaaacag	aagacccgaa	cggtgaaagc	cacgctaaac	cctgtgtgga	atgagacctt	900
tgtgttcaac	ctgaagccag	gggatgtgga	gcgcgggctc	agcgtggagg	tgtgggactg	960
ggaccggacc	tcccgcacg	acttcattgg	ggccatgtcc	tttggcgctc	cggagctgct	1020
caaggcgccc	gtggatggct	ggtacaagtt	actgaaccag	gaggagggcg	agtattacaa	1080
tgtgccgggt	gccgatgctg	acaactgcag	cctcctccag	aagtttgagg	cttgtaacta	1140
ccccctggaa	ttgtatgagc	gggtgcggat	gggccccctc	tcctctccca	tccccctccc	1200
ttccccctagt	cccaccgacc	ccaagcgtcg	cttcttcggg	gcgagtcag	gacgcttgca	1260
catctccgac	ttcagcttcc	tcattggttct	aggaaaaggc	agttttggga	aggtgatgct	1320

ggccgagcgc	aggggctctg	atgagctcta	cgccatcaag	atcttgaaaa	aggacgtgat	1380
cgtccaggac	gacgatgtgg	actgcacgct	ggtggagaaa	cgtgtgctgg	cgctgggggg	1440
ccggggctct	ggcggccggc	cccacttctt	caccagctc	cactccacct	tccagacccc	1500
ggaccgcctg	tatttcgtga	tggagtacgt	caccggggga	gacttgatgt	accacattca	1560
acagctgggc	aagttaaagg	agcccatatc	agcgttctac	gcggcagaaa	tcgctatcgg	1620
cctcttcttc	cttcacaatc	agggcatcat	ctacagggac	ctgaagctgg	acaatgtgat	1680
gctggatgct	gagggacaca	tcaagatcac	tgactttggc	atgtgtaagg	agaacgtctt	1740
ccccgggacg	acaaccgcga	ccttctgcgg	gaccccgga	tacatagccc	cggagatcat	1800
tgcctaccag	ccctatggga	agtctgtcga	ttggtgggtc	tttggagttc	tgctgtatga	1860
gatgttggca	ggacagcctc	ccttcgatgg	ggaggacgag	gaggagctgt	ttcaggccat	1920
catggaacaa	actgtcacct	accccaagtc	gctttcccgg	gaagccgtgg	ccatctgcaa	1980
ggggttcctg	accaagcacc	caggggaagc	gcctggggct	tcagggcctt	gatgggggaa	2040
cctaaccatc	cgtgcacatg	ggttttttcc	gctgggattt	gactgggagc	ggctggaacg	2100
attgggagat	ccccgcctcc	ttttcaagac	cccgcccggt	tggcccgag	cggcgaggaa	2160
tttttgacaa	gttcttcacg	cgggcggcgc	cagcgctgac	ccctccagac	cgcctagtcc	2220
tggccagcat	cgaccaggcc	gatttccagg	gcttcaccta	cgtgaacccc	gacttcgtgc	2280
accgggatgc	ccgcagcccc	accagcccag	tgctgtgcc	cgtcatgtaa	tctaccccgc	2340
cgccactagg	tgtccccaac	gtccctcccg	ccgtgccggc	ggcagcccca	cttcaccccc	2400
aacttcacca	ccccctgtcc	cattctagat	cctgcacccc	agcattccag	ctctgcccc	2460
gcgggttcta	gacgcccctc	ccaagcgttc	ctggccttct	gaactccata	cagcctctac	2520
agccgtcccc	cgttcaagac	ttgagcgc				2547

<210> 5938

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (538)...(313)

<223> similar to gil345539 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5938

tttcgtcga	gttcggaagg	accagagtc	cttatctaac	cgagagctaa	caggtcgggg	60
actgcgggac	ggaagaggga	ggggaagatg	aagaaaatcg	gtgatgaatg	gctggcggaa	120
atgattggcg	gaaagaaaga	gccagttcac	agtgcgcctt	tgtattcggc	gggaaacccg	180
gccgaagagg	gagctggaaa	ggactccgga	atccggccgt	aattccagcc	aatcaggagg	240
tagagttgcg	gcgcgggggt	ggggcggggc	agtctcgcgg	gagatagttt	cgcgggttcg	300
ggaggcgagt	ctccggtttc	cgcccagttc	ctggggacgc	ggtggcgggg	tctgaatcgc	360
ctggcttcca	gggagttttg	ggcgggtccc	cgcacgggag	cgtggcaggc	gctggactcg	420
acagcagatg	tggaaactgga	gagcttggcg	cgcctccata	ctttgtcaca	cacctacgcc	480
accagactgg	ggtcgggccc	ctccgcgttc	tgctctggag	ggcctgggtc	tgggcccagc	540
atagcgcttt	tagaatctcc	tcagctgaat	ctgacgtcca	gccgtagggtg	aagcttagcc	600
cgtgttttca	ggccccgcgc	atctggaagg	agtgtcagag	ctggagcgcg	cgtggcctca	660
tcgggtgttg	ggtcaccccc	gggttgccag	ggctcatgga	gggtcgtagt	ctggattttg	720
tcacccccac	gtccccgcgc	cgcagcaagt	ctgggggttg	agaactcacg	cggctcttcgt	780
aagctacatg	ccagttgacc	ctcgaggagg	gatgccccct	ccccttaagc	gtccacgctg	840
gagaagg						847

<210> 5939
 <211> 1171
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1172)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (463)...(973)
 <223> similar to gi4406696 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5939

tttcgtgtgt	gtgtgagagg	gagagacgac	gtgaggcgag	aggaaaagtc	tttagtcggc	60
cttaaaagca	aacaaatcag	agatggaata	agagcggtaa	ttgcagcaag	accgccttga	120
ttcttgagct	ccagggagct	gagcgacccg	cgcgcatccg	gcgaggacag	gaggcgaccg	180
cgggcgctgc	caagggctgc	gggactttgg	cttttcctca	gtaaacaat	cttttgatta	240
ctttgacact	gtggaataaa	gaagcgggga	gaaggatcag	gctcaccttc	acccgcttca	300
gggggattcc	agcttggaatg	tcagattcct	gaaccgtctt	tgccatcgga	ggaggaaaca	360
catccacaca	cgcgcgcgca	cactcgcacg	ctcagggccca	cactcacacg	ccgccctcca	420
cgatcacaca	gcaccagact	tcggttcctt	atgcccctgg	atggtgacgg	cggattggca	480
tcttggaagc	gatgagagag	cgataaggct	ggcgccggcc	cgcaaaagct	gcaggagcat	540
cgctaggtgt	tgccgccacc	gggaagcggg	gctgcaggat	gagtaagaga	tacttacaga	600
aagcaacaaa	aggaaaactg	ctaataataa	tattttattgt	aaccttgtgg	gggaaagtgt	660
tatccagtgc	aaaccatcat	aaagctcacc	atgttaaaac	gggaacttgt	gaggtggtgg	720
cactccacag	atgctgtaat	agaacaaga	tagaagaacg	gtcacaaaaca	gtcaagtgtt	780
cctgcttccc	tgggcaggtg	gcaggcacca	cgcgagctgc	tccatcatgt	gtggatgctt	840
caatagtgga	acagaaatgg	tggtgccata	tgcagccatg	tctagaggga	gaagaatgta	900
aagttcttcc	ggatcggaatg	ggatggagct	gttcctctgg	gaataaagtc	aaaacaacta	960
gggtaaccca	ttaaccaggg	agaaatcaag	tgatcctcaa	ggctgatgac	attgaacatg	1020
cgcataggaa	acttaactca	actcctgagg	tgatctttga	agatttttat	taccactttg	1080
aaaagagggc	gttcantagt	ctattttccc	aaggggattt	tengggcctc	tttctttgaa	1140
ttcaaggatt	ttttaaaagt	tcagacatga	a			1171

<210> 5940
 <211> 1468
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (285)...(1390)

<223> similar to gi6010117 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5940
tcccgggtcg acgatttctg gcgaaaagcc gggactggac ctagcggagt tgtgcttgct 60
gccgaagcgg ggtgggcttg ttcgttccgc gcagccgcag ccagaaccgg gtgacgctta 120
tccccgctgt ctttccagtc cagggccgct gagagtgggg gtggctggga gcagcgcagc 180
ctccggagga ggaggcggag gccgaggacc aggaatcacc ttcaagccta tgcgtgagg 240
ctttggcaga aattaagaag gaaatatctc cattgttcat tggcatggaa aaatgttcag 300
tgaggaggatt agagttgact gaacagactc ctgctttatt agggaatatg gccatggcaa 360
ctagtctcat ggacataggg gattcatttg gtcattccagc ttgtccttta gtcagtagat 420
ctaggaactc accagtggaa gatgatgatg atgatgatga tgttgtgttt attgaatcta 480
tacaacctcc ttcaatttct gctccagcaa tagctgatca aagaaacttc atatttgcag 540
catcaaaaaa tgaaaagcct caaggaaatt attctgtaat tcctccttct tcaagagatt 600
tggtcatctca gaaaggaaat ataagtgaga caattgttat tgatgatgaa gaggacatag 660
aaacaaatgg aggagcagag aaaaagtctt cctgttttat cgaatgggga ctctctggaa 720
ctaaaaacaa aaccaacgat ttggatttct ccacttccag tctttcaaga agtaaggtaa 780
atgcaggaat gggtaatagt ggtatcacta cagaattgac tctgaaatac attattacta 840
atgttacaac cttagaacaa ggtataagct ctgtgaatgc tgggcaagat gtgaacataa 900
ttattacata taaaacatca ctatagaata ccaacttggg agatgtcgct aaaggacttc 960
agtcaggtaa ttttggtggt aatatacaaa cgtacacccc atctttaact ccacagacca 1020
agactggagt aagacctttt aaccctggta gaatgaatgt ggcaggagac ttatttcaga 1080
atggagaatt tgcaactcat catagtcttg aagatgcac tacaagaag gctaattgtca 1140
ttcttccagt agaatcaagc aaatccttcc aagaatttta tagtacatct tgtttgtctc 1200
cctgtgaaaa caactggaat cttaaaaaag gagtttttaa taagtcaaga tgtacaattt 1260
gtagtaaatt agcagaggtc tggattttta tacctaagtt gttgtttagg ctaacagtga 1320
taattttaac ttttaagtgc tattatgtac tctttcatct acataatgca cgtgttctgg 1380
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tttataaata aaattccatt tgcatagc 1468

```

```

<210> 5941
<211> 4397
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(4398)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (26)...(2703)
<223> similar to gil871540 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5941

cagctcgggtc	gccccaccg	gccccatggc	agcccccggc	gccccagctg	agtacggcta	60
catccggacc	gtcctgggccc	agcagatcct	gggacaactg	gacagctcca	gcctggcgct	120
gccccccgag	gccaagctga	agctggcggg	gagcagcggc	cgcgggcgcc	agacagtcaa	180
gagcctgcgg	atccaggagc	aggtgcagca	gaccctcgcc	cggaagggcc	gcagctccgt	240
gggcaacgga	aatcttcacc	gaaccagcag	tgttcctgag	tatgtctaca	acctacactt	300
gggtgaaaaat	gattttgttg	gaggccgttc	ccctgttcct	aaaacctatg	acatgctaaa	360
ggctggcaca	attgccactt	atgaaggctc	ctggggaaga	ggaacagcac	agtacagctc	420
ccagaagtcc	gtggaagaaa	ggtccttgag	gcacccctctg	aggagactgg	agattttctcc	480
tgacagcagc	ccggagaggg	ctcactacac	gcacagcgat	taccagtaca	gccagagaag	540
ccaggctggg	cacaccctgc	accaccaaga	aagcaggcgg	gccgcccccc	tagtgccacc	600
gagatatgct	cgttccgaga	tcgtgggggt	cagccgtgct	ggcaccacaa	gcaggcagcg	660
ccactttgac	acataccaca	gacagtacca	gcattggtct	gttagcgaca	ccgtttttga	720
cagcatccct	gccaacccgg	ccctgctcac	gtaccccagg	ccagggacca	gccgcagcat	780
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aaggacaatt	gaccaacaaa	ttgggaggtg	ggctgaacta	aatgggggta	cctcggtgc	1380
tccaggtgic	tgaagcaaac	cagagacttg	ggagactaaa	aaacaaataa	cagaccatac	1440
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tttaagaaga	cagattttgt	caacagccgg	actgccaaag	cctaccactc	ccttaaagac	2700
tgaggaaaat	gacaaagtat	tctcggtgc	aaaaatcccc	aaaggaaaac	acctattttt	2760
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tgcaagtttg	ccaccagtag	ataccggcca	caggctcgac	aaatagtggg	ctttgttatt	2940
agggttatg	gtacatggct	tcctggaatc	aaaatgtgaa	ttcatgtgga	agggaacatta	3000
atccaataaa	taaggaaaga	agctgttgca	ttactgggat	tttaaaagtt	tgatttacat	3060
ttatatccct	tttctgggtc	ccatgttttg	tcactcatgt	gcacattgct	tcgccattgg	3120
gcctccagtg	tattgttctg	cagtgttgaa	acagaatgga	aatgacaaga	aatatctgca	3180
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tgttgaagaa	gatgtaagaa	tgtgtcaaga	ccatccagaa	atgatatgag	aaatactgat	3900
attttaaatg	gttgacatca	tccagcgaaa	tgaatctaca	ttaaattgtg	ttttaactgc	3960
gctatggatt	aaaaccattc	atataggagt	taggtcttta	ccaactacta	ttctgttatt	4020
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actecttttg	gcgaagaaaa	ctgtaacaga	aaataaattt	tgaatgtgta	cttaagtctt	4140
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gcctaaccta	gttcaaaatg	aaattattta	gataccaatt	tttaaaatac	tggagagaat	4260
ttatatgtct	ttttccagag	ttctgatgat	aagcatttgg	agtgcattta	ttcctccaga	4320
taataaatgt	gtgttcagaa	ctttttgtgt	tttttaaggc	attaataaag	ccttcgataa	4380
tattaaatac	aaaaaaa					4397

<210> 5942

<211> 1978

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (524)...(19)

<223> similar to gi5734705 in the genept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5942

attcccgggt	cgacgatttc	gtaaggagat	tccgaggaca	aagcgagctg	ttagggagta	60
tttgggagt	gatttggggg	ctgaatgcag	atcttggtat	tgggagggtt	tgcatacagt	120
ggcagggtcg	agcccagaga	gaccggcgca	gggatcctga	tcttgaaaga	ttgggagagg	180
gcaggaggcc	agtctctatg	ggggcggttc	ccgtaggatc	accagggtgg	ttcgcggtcc	240
cagattgact	gcttggtggg	ggcatggcct	cagggtggaga	ggcttgctgc	ggactcaggc	300
tggcgaatag	ccctggcgaa	caacggggcg	aggggaaggt	gtctttcaag	tcggtattta	360
ctctgaactg	aggggaagaaa	agaacggagg	ccgcgtcaga	ccgagagctg	ctctgcggcg	420
gccagagagg	gaatcccaag	ctcttaatgg	gcggggggtg	gggtagaaat	gtctttttct	480
attgtgtttg	agaccggtaa	tattggggag	ggggagaaca	agtattatcc	cacgcagtac	540
accccaatct	cccagttcat	ttcctaattc	ttaaactccg	gtttcaaact	ccctcgcttt	600
gctcttcagt	tgcaggttcc	gatctttggg	tactccagga	gctgttctat	agccctgct	660
tctggacct	tggattctcc	atctagcggt	tcttctatt	cctcctactc	tctctcttcg	720
tcttttccca	cctccccagt	gaacagtgac	tttggttcc	cctctgatag	tgagagggag	780
gacaaggggg	cccatggggc	caggccagac	actgttgggc	agaggggagg	ttcacggccc	840
agcccgggtc	ctatccgctg	caggcatcga	tccaaggttt	ccggtaacca	gcatacacca	900
tctcatccga	aacagcgggg	ttcggcttct	cctatggcag	gatctggggc	gaaaagatca	960
agagatgggt	aactgggagc	cagtctaaac	acccaagggt	gtaccacaga	gggagacctg	1020
ctgtttgccc	agaagtgtaa	agaactccaa	ggattttatac	ctcctctcac	agacctactc	1080
aatgggctga	agatgggtcg	ttttgagaga	ggattaagca	gttttcagca	gagtgtggca	1140
atggacagga	tccagcgtat	tgtagggtgt	ttgcagaggc	cacagatggg	ggaacgttac	1200

ctaggaacct	tgctacaggt	agaagggatg	ttaaagactt	ggtttccaca	aatagctgcc	1260
cagaagtcac	cattgggtgg	tggaagcat	cagctgacca	agcattttcc	aagccaccac	1320
agtgattcag	ctgcttcctc	tcctgcatct	cctatggaaa	agatggacca	gacacagcta	1380
ggacatctag	ctttaaaacc	aaagcagcct	tggaacctca	cacaatggcc	agctatgaac	1440
ctcacctgga	tccacaccac	tccaatttgc	aacccccctc	tcagctcccc	aggtactatc	1500
tcctttagcc	atggctcctt	aggcactgga	accggcattg	gcgtcattct	tttctccag	1560
catggagtgc	aacccttcac	ccactctgcc	ccaaccaccc	agtcccacct	actacagcat	1620
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caccttggcc	agaaagatga	ccataggaca	ccgggagcag	cagagaagcc	atcctccagt	1800
tgctgctgat	gctcatcttc	tcaaccttct	agcccagggc	atacagctgt	ccactgtgac	1860
ttctaatttg	tgtaaattatt	tatgtatata	tgtattttta	ctattaatgt	gtgcatttgt	1920
gttgagggaa	gataaatcct	ttctgattaa	agaaattttt	ttatacctaa	aaaaaaaa	1978

<210> 5943

<211> 2000

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2001)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (141)...(1587)

<223> similar to gi3510234 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5943

aagaatgctt	gcctctctgg	ggcttgagtt	tgaaaggcgc	cacgaggggc	cgggtagcca	60
gccctcaagt	taagtgcact	agcccacggg	ttcccgaaaa	ggtgggattg	gatagctcat	120
gctccatctc	cccgccacag	catggcacct	tgggcagtgg	ccgctcctcg	gacaaaggcc	180
cgctctggtc	cagccgctca	ctgggtgccc	gttgccggaa	ctccatcgcc	tcctgtcccg	240
aggagcagcc	ccacgtgggc	aactaccgcc	tgctgaggac	cattgggaag	ggcaactttg	300
ccaaaagtcaa	gctggctcgg	cacatcctca	ctggctcgga	ggttgccatc	aagattatcg	360
acaaaaccca	gctgaatccc	agcagcctgc	agaagctgtt	ccgagaagtc	cgcacatga	420
agggcctaaa	ccaccccaac	atcgtgaagc	tctttgaggt	gattgagact	gagaagacgc	480
tgtacctggt	gatggagtac	gcaagtgctg	gagaagtgtt	tgactacctc	gtgtcgcatg	540
gccgcatgaa	ggagaaggaa	gctcgagcca	agttccgaca	gattgtttcg	gctgtgcaat	600
attgtcacca	gaaaaatatt	gtacacaggg	acctgaaggc	tgagaacctc	ttgctggatg	660
ccgaggccaa	catcaagatt	gctgactttg	gcttcagcaa	cgagttcacg	ctgggatcga	720
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gctggctccct	gcccttcgac	gggcacaacc	tcaaggagct	gcgggagcga	gtactcagag	900
ggaagtaccg	ggtccctttc	tacatgtcaa	cagactgtga	gagcatcctg	cggagatttt	960
tggtgctgaa	cccagctaaa	cgctgtactc	tcgagcaaat	catgaaagac	aaatggatca	1020
acatcggtca	tgagggtgag	gagttgaagc	catacacaga	gcccaggagg	gacttcgggg	1080
acaccaagag	aattgaggtg	atggtgggta	tgggctacac	acgggaagaa	atcaaagagt	1140

ccttgaccag	ccagaagtac	aacgaagtga	ccgcacccta	cctcctgctg	ggcaggaaaa	1200
cttaggaggg	tggggaccgg	ggcgccccag	ggctggccct	ggcacgggtg	cgggcgcccc	1260
acgacaccan	caacggaaca	agttccagca	aaggcaccag	ccacagcaaa	gggcagcgga	1320
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cacccctgca	ccccaaacgc	agcccagcga	gcacggggga	ggcggagctt	aaggaggaac	1440
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cccctccagc	cccatggtca	gcagcgcccc	caaccccaac	aaggcagaga	tcccagagcg	1560
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cctccaaaga	gcaccccgaa	atgcaggggc	accatcactg	atgcccgga	acagaacggt	1920
cctcataaat	tatggggggg	ggcaagatct	taaaaactgg	gaaacatgcc	ttgccgcccc	1980
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<210> 5944

<211> 1105

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (709)...(542)

<223> similar to gi2108256 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5944

tttcgcgtgt	gttttagttgt	atgagtagat	gggagcccta	ggaagagagt	agacaatata	60
aactgggccc	agcactgggt	ccagggtaac	cctaacattc	aaaatggggg	acagggagca	120
ggcaaaagag	gctgagaagg	agcatccaga	gaggtagggg	ggaaactggg	aggatggttg	180
ctcaggaaag	aggggagctg	actcagccac	gcttctcctg	gtcccccttg	ccttctggtc	240
taaggtagtg	ttcagggtgg	gtgttcagga	gggagaaacc	cttcggcctc	ccccctccct	300
atccctcttc	cctctctccc	tacccttttc	tttctcccg	cttcttctc	ccctgcctct	360
gtcctttcta	cccttctctc	ctcgcagccc	tctctactcc	acccatttcc	ttctccttcc	420
ctccagtatt	ttggttcccc	ccacctgtag	gcccaggctg	aagcccagag	ggaacatgaa	480
ggagccgtgc	agctgctgga	ggtagggcgc	ctggaagtgg	ccccagttc	caccatcttg	540
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tgggttagca	acccacagcg	ctcagggttc	taacctgttc	tctgcttctc	ttcctgcaac	900
agtctacett	ggattccatg	caggtagcgc	ctcgttctcc	acttccccac	acctctccag	960
gctggctgag	ttgcatctcc	tccctcaggg	cccaggcagt	ccccctctct	catccagcag	1020
agggggtgtc	actgggagca	ggcatgagaa	tccatagggg	gtggagtttc	cacaggacac	1080
gtgcggctgt	ccccttgctc	caggc				1105

<210> 5945
 <211> 6215
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (295)...(5000)
 <223> similar to gi2224585 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5945

cccgaattc	ccgggtcgac	gattatctgg	gcacccggca	gccacagcgc	agcgagagcg	60
gacggtcgcc	atggttcctt	ccccagccag	tcccaggcgc	ccgggtgact	atgcggggca	120
cgtgcgcccc	ccagctctaa	tctgcgcgct	gacaggagca	tgatctgtgc	ccaggccagg	180
gctggcaaga	atctgtacca	caacagggtt	ttaggcctgg	ccgccatggc	gtttccttct	240
agaaactccc	agagcctacg	ccgggtgcaag	gagccgatcc	gatacagcta	caacccccac	300
cagttccaca	acatggacct	cagggggcggc	ccccacgatg	gcgtcaccat	tccccgctcc	360
accagcgaca	ctgacctggt	cacctcggac	agccgctcca	cgctcatggg	caggagctcc	420
tactattcca	tccggcactc	tcaggacctg	gtcatccact	gggacataaa	ggaggaagtg	480
gacgctgggg	actggattgg	catgtacctc	attgatgagg	tcttgtccga	aaactttctg	540
gactataaaa	accgtggagt	caatggttct	catcggggcc	agatcatctg	gaagatcgat	600
gccagctcgt	actttgtgga	acctgaaact	aagatctgct	tcaaatacta	ccatggagtg	660
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tttaaaagca	ttggtgctga	tgagaccgtc	caaggacaag	gaagtcggag	gctgatcagc	780
ttctctctct	cagatttcca	agccatgggg	ttgaagaaag	ggatgttttt	caacccagac	840
ccttatctga	agattttcat	tcagcctggg	aaacacagca	tcttccccgc	cctccctcac	900
catggacagg	agaggagatc	caagatcata	ggcaacaccg	tgaaccccat	ctggcaggcc	960
gagcaattca	gttttgtgtc	cttgcccact	gacgtgctgg	aaattgaggt	gaaggacaag	1020
tttgccaaga	gccgccccat	catcaagcgc	ttcttgggaa	agctgtcgat	gcccgttcaa	1080
agactcctgg	agagacacgc	cataggggat	aggggtggta	gctacacact	tggccgcagg	1140
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cacccagatg	atgaggagat	ttccctgagt	accgagcctg	agtcagccca	aattcaggac	1260
agccccatga	acaacctgat	ggaaagcggc	agtgggggaa	ctcgggtctga	ggcaccagag	1320
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atgataccat	gacttttggt	aaagccatga	cttttggttg	cttggcagac	aaaccttttt	6060
tttaaaactt	tgatattttt	ttttcacgtt	tttttttctt	tttcctttct	taatcatgga	6120
gttcaagttc	ctttgcattc	gattgtccat	cgggaccaca	ctaggaagct	gcagagagta	6180
atggtgcttg	ttagggatca	agggaacat	ctatt			6215

<210> 5946

<211> 1525

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1401)...(572)

<223> similar to gi3880422 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5946

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cctgggctca	agtgatectc	ccgcctcagg	ctcccaaagt	gctgggatag	caggcatgag	180
ctgtcgcacc	tagccagcaa	tatacaacct	tgaagggtta	atagtacat	ggacagaggc	240
aagggtgccc	gttacacatt	ttcagacatc	atcttgttta	ttacaaaact	taaaacacct	300
tccaggcaag	atccaaagca	attttatcct	aacattgttc	accttcatct	gtagagtcaa	360
atgtatctgc	cagcttgtgt	tgacaagggg	gaatgcttcc	catttggtca	aggttgaggg	420
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cagcacctcc	agaagatctg	ctgtgtacct	ggggtcaagc	tttatctggg	tctgcccggg	1500
ctccatcgcc	gcgaattccg	ccacg				1525

<210> 5947
 <211> 2234
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (358)...(596)
 <223> similar to gil710216 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 5947
cagatggact gacccacagg catccacatg tgggtgctgaa gaagccatga ggaaaggggg 60
aggtgggaag ggcctcgtcc aggggtgtctg gctgcacagg agacatagca gctcccactg 120
gcaccctgca tacaagggaa aggcctcgaa atgcgctcac caaagcctca gaggttttatt 180
atcaggagct cacattcagg agcagggtctg cttgtcaaga atccaagcac gcctgtgttc 240
tgtggccaca ggagaggagg ggccgctttt aaatacaagc ctactcctgt cggttgacca 300
gaacaaagac ctactggcca gaagcacatg agaggaggag ttctactctt gtcgcccagg 360
ctggagtgca gtggcacgat ctcggtcac tgcaacctcc gcctccaag ttcaagcaat 420
tctcctgccc cagcctcctg attagctggg attacaggcg tgtgccacca tgcccagcta 480
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ctgacgtggt gatccacctg cctcggcctc ccaaagtgtt gggattacag gcgtgagcca 600
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tgtctaccaa aaaa 2234

```

<210> 5948
 <211> 1596
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (869)...(581)
 <223> similar to gi5911959 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5948

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gcccctcaac	aggcatgact	ctgcagagat	gactcagcac	tgccccttag	cagggatgac	120
acagcaagga	tgactcagca	ctgcccctca	gcaaggatga	ctcagcactg	ccgctcaaca	180
gggatgactc	agggatggct	tagtactgcc	cctcaacagg	gatgactcag	cagggatgac	240
tcagcaccgc	ccctcaacag	gcatgactct	gcagagatga	cttagtactg	cccctcagca	300
gggatgactc	agtactgccc	ctcagcaggg	atgactcagc	actgcccctc	aacagggatg	360
actcagcagg	gatgactcag	cactgtccct	tagcagtgat	gacacagcaa	ggatgactca	420
gcactgcccc	tcagcaagga	tgactcagca	ctgccgctca	acagacatga	ctcagggatg	480
gcttagtact	gcccctcagc	agggatgact	cagcaccgcc	cctcaacagg	gatgactcag	540
cactgcccct	caacagggat	gactcagcag	ggatgactca	gcactgtccc	ttagcagcga	600
tgacacagca	aggatgactc	agcactgccc	ctcaccaagg	atgactcagc	actgccgctc	660
aacagacatg	actcagggat	ggcttagtac	tgcccctcag	cagggatgac	tcagcagggga	720
tgactcagca	ccaccctca	acagggatga	ctcagcaggg	atgactcagc	actgcccctc	780
aacagggatg	actgcagggga	tgactcagca	ctgcccctca	gcagggatga	ctcagcactg	840
cccctcagca	gggatgactc	agcagggatg	actcagcacc	gcccctcaac	aggcatgact	900
ctgcagagat	gactcagcac	tgcccctcag	cagggatggc	tcagcagggga	tgactcagca	960
ttgcccctca	acagggatga	ctcagcagac	tcagcagggga	tgactcagca	ctgcccctca	1020
acagacatga	ctcagcaggg	atgactcagc	accaccctc	agcaaggatg	actcagcagg	1080
gatgattcag	cagagataac	tcggggatga	ctctgattgt	ccttcagcag	ggatgagtct	1140
gttttgctcc	gatggaagca	tctgtagtgt	ccatcagcag	gtgaatggcc	aaagtgggtat	1200
atagtctagt	cacattcagc	tataaaaagg	aataaagtat	cgatgcatgc	cacaacatgg	1260
gtgaacctag	aaaatactga	tctaaatgca	agaagccagg	cacaaaaggc	cacatagtat	1320
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gcacagggta	ccttacagag	atgatggaaa	tgtcctaaaa	ctagattatg	gcaatagttg	1500
cactacgtga	tcagttttatt	aaaaatcggt	gatgtgtgtg	tgtaaaatgg	gtggatttta	1560
tggtttataa	attatacctt	aataaagggt	aacaaa			1596

<210> 5949
 <211> 599
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (77)...(438)

<223> similar to gi995526 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5949
actaaatgtg ccagtaccag aaattccagg aaaaacaaga aatttgtttt tgcaattagc      60
caagcatgta gcccagtctc tcaatgtcac ttcattgttat gtatgtggag aagctgtaat    120
aagagatcaa tggccatggg aagcctgaga attagtacct acagtacctg atgaattcct    180
ggctcaaaag aatcaccttg ataatttctg atcctaaaag cctcaattat taaacaatat    240
tgcatagcta gagaaggaaa agaattcact caccgcgtag gatgacttag ttgtcggaga    300
cagaaactgt ataatggtac cacaaaaaca atcacttggt ggagttcaaa tcacacagag    360
agaaaattta gtaaattctc aaagttgcaa actgggaccc acctgggagt cccaccgggc    420
ttgggaacag cccccactgg gatttttact gggatatgtt agggcttgga gcttattgac    480
aggtttactg gaccattggg caggtagttg ttgtttattg ggcactattt aaaccatctt    540
tcttccttac tgcccataa aaacagggca aactccttgg ggtttccctt gttcttacg     599

```

<210> 5950

<211> 3318

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (114)...(1736)

<223> similar to gi755750 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 5950
gagcttgccg cagtctcttc gcggcggtcca ccacttagac gcaagttgct gaagccggcc      60
ggggagaagg tggtgttgcc ggagctgaga cggggcggcc acagtccgca gggatgaacc    120
tcgagttgct ggagtccttt gggcagaact atccagagga agctgatgga actttggatt    180
gtatcagcat ggctttgact tgcaccttta acaggtgggg cacactgctt gcagttggct    240
gtaatgatgg ccgaattgtc atctggggat ttctttgaca agaggcattg cttaaaataa    300
athtagtgca cacatccatc cagtgtgttc tttatgctgg agccgagatg gtcataaact    360
cgtgagtgtc tccactgata acatagtgtc acagtgggat gttctttcag gcgactgtga    420
ccagaggttt cgattccctt caccatctt aaaagtccaa tatcatccac gagatcagaa    480
caaggttctc gtgtgtccca tgaaatctgc tctgtcatg ttgacctttt cagattccaa    540
acatgttggt ctgccggtgg acgatgactc cgatttgaac gttgtggcat cttttgatag    600
gcgaggggaa tatatttata cgggaaacgc aaaaggcaag attttggtcc taaaaacaga    660
ttctcaggat cttgttgctt cttcagagt gacaactgga acaagcaata ccacagccat    720
taagtcaatt gagtttgccc ggaaggggag ttgcttttta attaacacgg cagatcgaat    780
aatcagagtt tatgatggca gagaaatctt aacatgtgga agagatggag agcctgaacc    840
tatgcagaaa ttgcaggatt tggatgaatg gaccccatgg aagaaatgtt gtttctctgg    900
ggatggggaa tacatcgtgg caggttctgc cgggcagcat gccctgtaca tctgggagaa    960
gagcattggc aacctggtga agattctcca tgggacgaga ggagaactcc tcttggtatg   1020
agcttggcat cctgttcgac ccatcatagc atccatttcc agtggagtgg tatctatctg   1080
ggcacagaat caagtagaaa actggagtgc atttgcacca gacttcaaa aattggatga   1140
aaatgtagaa tacgaagaaa ggaatcaga gtttgatatt gaagatgaag ataagagtga   1200

```

gcctgagcag	acaggggctg	atgctgcaga	agatgaggaa	gtggatgtca	ccagcgtgga	1260
ccctattgct	gccttctgta	gcagtgatga	agagctggaa	gattcaaagg	ctctattgta	1320
tttaccatt	gccccagagg	tagaagaccc	agaagaaaat	ccttacggcc	ccccaccgga	1380
tgcagtccaa	acctccttga	tggatgaagg	ggctagttca	gagaagaaga	ggcagtcctc	1440
agcagatggg	tcccagccac	ctaagaagaa	acccaaaaca	accaatatag	aatttcaagg	1500
agtaccaa	gatgaagtcc	atccactact	gggtgtgaag	ggggatggca	aatccaagaa	1560
gaagcaagca	ggccggccta	aaggatcaaa	aggtaaagag	aaagattctc	catttaaacc	1620
gaaactctac	aaaggggaca	gaggtttacc	tctggaagga	tcagcgaagg	gtaaagtgca	1680
ggcggaaactc	agccagccct	tgacagcagg	aggagcaatc	tcagaactgt	tatgaagacc	1740
ttcgaagttc	ttcattcctt	ctcactttgc	catcatgtgg	cctctggaca	ctgtggtcag	1800
tcatttgaaa	attgacttta	atttaaaaaca	aaggcctgtg	cctcccaccc	aggaggtggg	1860
aggggtgaatt	ttatgtttta	atgaagaagt	gaattatgga	agaagagtat	acgaccttcc	1920
cttccctttc	aagcataagt	ccaaatagac	tctcaggaat	gaagatttgt	gaagacatca	1980
gataggaatt	ttgactcatt	taaactttga	tgcttagtta	tggtgctgga	gaaaagatac	2040
ttatgttttg	ctcatctaac	ttcattgtac	ccagcgtcat	tttgacatgt	catttcctat	2100
ctcccatttg	ccttcggtcc	tcaatgcattg	tctttgagtg	acttcttatc	tgaaatttg	2160
ctactggat	cctaggaaag	cttttggtgg	atactctcat	tttaaacttc	tcctctcccc	2220
agatacctcc	tatatctcca	tattgtgtgc	aaaggatggg	caaaaaagaa	agtgcttgaa	2280
agatttcaaa	ttttcagaaa	gggaacaacg	aaggccctct	cttcctctca	taccaggttt	2340
tgctcaagaa	gctgggctgt	aacaattcag	ggttttccct	tgttttcctc	tcattgcatg	2400
tttccctcca	atattggttc	attgtcatca	atcatggttt	ttgaagatag	ctagttttat	2460
ccatctccag	caaagaatca	tcaatagttt	atattgcttt	acctgtgctg	gcttccagag	2520
atggaaacaa	acccaggtgt	ctctcaacaa	gctacttttt	tactgggggtg	ggggaatcta	2580
tgcaaggagt	aaagtaaaac	catccagaat	caaagcagca	accacatagt	tcaaatacaa	2640
gatcaagggtg	aattttttgt	atcactgcct	gtggaaatct	atcctcatca	gtcattgcat	2700
ttttccctgc	ctatacctgt	gctccttttt	cttactgtgt	tttcagtcac	ttcctttctg	2760
tgaaagggtg	cttagctttt	tttttgacat	ttgttggtct	ttatataaaa	ataacagatt	2820
ggatagatgt	gtacatttgg	tgtttgaaat	tctctgaaaa	tcccattagg	aaaccagggtg	2880
tgaaaagggc	tcagtagctt	ctctgagtg	cgtttttagc	tgactggaag	tgcttaatct	2940
ggatcgtcct	tttttttttt	tttttttttc	aatattttta	aaggagaatt	taaatactgt	3000
gcttactgtg	aaatataatca	gttggtgagc	cgggcgtggt	gggtcacgcc	tgtaatccca	3060
gcactttggg	aggccaaggc	gggttgatca	cccaggttca	ggagttcaag	accagcctgg	3120
ccaacatggt	gaaagcctgt	atctattaaa	agacaaaaat	tagctgggcg	tggtggtaca	3180
tgctgtaat	cccagctaca	ctggaggctg	agtcaggaga	atcacttgaa	cgtgggaggc	3240
agaggttgca	gtgagtgagg	atcgcaccac	tgccctccag	cctaggtgac	agaatgagac	3300
tctatctcaa	aaaaaaaa					3318

<210> 5951

<211> 861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (452)...(11)

<223> similar to gi332565 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5951

gtgggtggaat	tcgcagcgcg	tgtgcctgga	gcgcgtgcag	tgctcgacgg	cctcgggcgc	60
-------------	------------	------------	------------	------------	------------	----

tgaggtgaag	ggctccggcc	gggtgctcag	ctgccctggg	cccagggccg	tgaccgtgcg	120
ctacaccttt	accgagtggc	gctccttcct	ggacgtgccg	gctgagctgc	agcccagagcc	180
gctggagcca	cagcagccag	aggcacccgc	tggggcctcc	gagccagggg	ccggggatgc	240
caagaaagag	ccaggcgccg	agtgtctcca	cttctcgctg	tgccctgccc	cgggcctgca	300
gcctgaggac	gaagaggacg	ccgacgagcg	cggcgtcgcg	gtccacttcg	ctgtctgcta	360
ccgtgcgcg	cagggcgagt	actgggacaa	caacgcgggc	gccaaactaca	cgctgcgcta	420
cgcgcgccct	gcggacgcgc	tctgagcctg	gagagtctcg	aagagccgtg	gggcgggggt	480
gattagcacg	tggagctcgg	gctgccgcct	caaggaaactt	gctgggacgc	tttgctgagc	540
gtggcgagtc	tggcgtgagg	ggcgcggtga	gggaaaggag	ggagactttg	aaccgtcgac	600
tgcaccccc	gcagacaagt	gagcgagctt	agagagcccc	ggcaatgctc	cgaaagcctc	660
tgacctcagt	cttctcgctc	gtttgacctt	cctacaaggc	ctctagaatt	cccagcctgc	720
gtcagagtag	gaagaaactt	ccaaggcccc	gagcagctgc	ctccaagaaa	aaggctccca	780
actcccgggc	atggttctaa	ggccttggga	ttggttttta	actctaaata	tcatattgta	840
gcccttgtag	tttgctggag	a				861

<210> 5952

<211> 1345

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1210)...(845)

<223> similar to gi595915 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5952

tttttttttt	ttcacaatga	ttgtacttta	ttgatgtgtt	acaggaggtg	aggactttct	60
gcttaaaata	tttaaaattt	acatgtgcac	acaaacaaac	acagggtccc	ccacccatgg	120
ggaagggcga	gatgactctg	aataaaaggat	ggaggagaag	aagaggggtg	agacggaggg	180
cccttgaccc	ctacaggggc	agcaggataa	ggaatagagt	ggggcagaag	gtgggttatt	240
aagaagcatc	ttgcttactg	acatgaagcc	acgtgccccg	cgagagcaca	gatgaggcct	300
cattggcgta	gaggaggccc	ttggagggca	ggcacacggt	gcccaactag	ccagccaagg	360
ccaacgtccc	aggggtaggg	cggaagtggg	gtggcggtga	cagggcaccc	agcccaggcc	420
tctgctgccc	ccacctccct	ccccaccctt	tgagagaaaa	gacggtttgg	gcctcagcca	480
cggaccgacg	ccgttacccg	cagcgtctcc	tgaaactaca	gagatacaat	gtgtatcaac	540
aggggtgatc	cttctgaccc	actgaggcag	acagctagag	gtgctgcatg	ggccagaacc	600
aatcctacag	tatctttggg	ttgtgggttt	ccttcccagc	ttgaatcctc	cctctgtcca	660
gcctctgggg	tgggcctcag	ggctgggaat	gggtgctca	atggcccaaa	gccagcctg	720
acggcccttg	gaggctgggg	gtgctgccct	tgccagccac	aggcagctta	ctcactgggg	780
tgctgggact	tgtaggagag	gatctcggca	gccagctgct	gggggtccag	gagctgtggg	840
aagcgcccca	tcacagcctc	caccagggtg	gggggaaaca	caccacacag	cttagtatac	900
acgtggcctt	gctccttggc	caggctgcct	gccctgcccc	acgggtcctt	gccagccctt	960
gggctctgca	ctgggggctc	ctgaaggact	gatgtgggtg	ggggcagtg	gtatggttca	1020
gaccagtact	ctcgagggtg	aaaggcaggg	ggcgcggtg	ggtagtcggc	agggacactg	1080
aagtggccag	cacccatggc	ccggccaaag	gcagagaagg	ctgcgggtgg	tgggagctca	1140
gatccatagg	gactgtagcc	cgtgtaagg	gctcgggtg	ggcccggctc	accagggcct	1200
cctcctcgaa	ccccccaaag	ttccgacatc	tggctctcca	gggagccaat	gcccagatcc	1260
aggcaatcct	gggagacgta	cgggagtgg	tccagcgtct	gtgggagcca	gtctgtgggc	1320
ccgaattcca	ccgactgta	ctagg				1345

<210> 5953
 <211> 1346
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1306)...(399)
 <223> similar to gi535586 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5953
ctttacatga ccttgctgtc ctcccttccc ttctcccacc ttccagcctc tggctacaac      60
acgcgtgcag tttaaggcaa aagctcagca aacccagccc ccaggattga ggagctcccg      120
cccccccatg cagctggact ccacctcagc agaggacacc agtcagctc tcagcagtgg      180
cagctctaag cccagggtgt ccatcccgat ggtccgcata ctggccccag tcctggtgct      240
gctgagcctt ctgtcagccg caggcctgat cgccttctgc agccacctgc tcctgtggag      300
aaaggaagct caacaggcca cggagacaca gaggaacgag aagttctgcc tctcacgctt      360
gactgcgag gaaaaggaaag ccccttccca ggcccctgag ggggacgtga tctcgatgcc      420
tcccctccac acatctgagg aggagctggg cttctcgaag tttgtctcag cgtagggcag      480
gaggccctcc tggccaggcc agcagtgaag cagtatggct ggctggatca gcaccgattc      540
ccgaaaagctt tccacctcag cctcagagtc cagctgcccg gactccaggg ctctccccac      600
cctccccagg ctctcctctt gcatgttcca gectgacct gaagcgtttg tcagccctgg      660
agcccagagc ggtggccttg ctcttcgggc tggagactgg gacatccctg ataggttcac      720
atccctgggc agagtaccag gctgctgacc ctcagcaggg ccagacaagg ctcagtggat      780
ctggtctgag tttcaatctg ccaggaactc ctgggectca tgcccagtgt cggaccctgc      840
cttcctccca ctccagacct cacttgtct tccctccctg gcgtcctcag acttagtccc      900
acggtctcct gcatcacctg gtgatgaaga ggagcatgct ggggtgagac tgggattctg      960
gcttctcttt gaaccacctg catcccagcc cttcaggaag cctgtgaaaa acgtgattcc     1020
tgggccccac caagacctac caaaaccatc tctggggctt ggtgcaggac tctgaatttc     1080
taacaatgcc cagtgactgt cgcacttgag tttgagggcc agtgggcctg atgaacgctc     1140
agaccctcc agcttagagt ctgcatttgg gctgtgacgt ctcccacctg cccaataag     1200
atctgctctg tctgcgacac caagatccag ctggggactc ccctgaggcc tgcctaagtc     1260
caggccttgg tcaggtcagg tgcacattgc agggataagc ccaggaccgg cagagagtgg     1320
ttgcctttcc atttgccctc cctggc

```

<210> 5954
 <211> 1632
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1633)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1452)...(496)
 <223> similar to gi3450828 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5954
 tttttttttt tttttttttt acaaaagcca tctctcttta gtgttttcat tcctgcccgt 60
 tcaaaccagt ttgtgcaagc tgaggatgag tgggtttttg gaaccgggag gcagagcatc 120
 tggggggacaa gacccctcct ggaaaatggt cctnatgcaa cactgctgaa ggctggttag 180
 acttgagaag caattgaaca ataaactcta cagaacctgg aaaatgttca aaagtgtcaa 240
 ggtggcttct ggctgttttc ctgcctccct gtgggggggc agttataccc atcagtcctg 300
 tgcaaaggtc ctggggactg gcccgagggc agccggattc ttccgctggg gacaggaagc 360
 ttgtccttgc ttaaccccaa gcagaagcca tgccaaatgg aacaaggttg ctcggttgt 420
 gtgcccacag gtgctgtggc cccccaaaac tccgtggctc ctcaaagcaa tgtctttcat 480
 cctgtctcta tgttatgtcc gccctttttg aaaagtgttc attcaagggt gttaggtttcc 540
 ttgagaatth tgtggatctc ctcgagtga agcctgtgga agtatgcttt tcaagataac 600
 gagggcatgc attgtccatg ggaggaggag gagggcctgg ttgagctgca cagcttccac 660
 ttgttcttcc gggccaccgt ctccggcttt cagtggggga aagaggttgg gaaaacctga 720
 actctcaatg cccctggaac atctcggtgc ttgttgtgga aagggaagc actgtggtgg 780
 cgcttgactc ccggacaagt cccagcaagc ccccgaggtc aaggctctcc atgaaggcga 840
 aagctgacgc tttggaatgt gcaaattaat cgaatggcac cgggggaatg gcaagaacaa 900
 tgcccagcaa cggaagtga aggcaacacg aatgtggcca ttctgctgtt tccagcataa 960
 cttgccagag aaggggcccct ggtggttcca aaactggccc caggggtgtg atgtgttggg 1020
 acttgaggag ggcacatca tcaactgtcca ttaggccctt cccatggacc acggcgcat 1080
 tgttcaccag gatggtgatg tccccacct tctcccggac ggccttgacc gtctggtaca 1140
 cctcctcccg gttgccaca tcacagatga agtaatggca ctcaagtccc atctgcccga 1200
 tctcctccgt cgtctccttc aggcatttct cagtcgggac ccagagaaca atctttctgg 1260
 cgccgcgctc cgcgaaactc cgggcgagct gacgcccgat gcctctcccg ccgcccgtga 1320
 tgaggacgtt cccccgcgac aggtcccga gcttggcggg cagcaccagt ccgacggctg 1380
 ctttcaccac cagatagatc atctgtagag ggaacatcac cagcgcgccc agccgtttcc 1440
 acaccatcct ccgcgcgcg gagccgggca gggggcgaaa ctcccgggc cgagcaatac 1500
 aggaattaaa aaacacccc aacaataaat agtaaacga ataaggagga gagaggcgctc 1560
 ccacctggcc actcttgaaa tcacctcttc ccaaagcaa agcaccgggt gagaaaaaga 1620
 agaaaaaaa aa 1632

<210> 5955
 <211> 1771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (905)...(307)
 <223> similar to gi2047353 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5955
tcactattcc atgtggcgga attcgcgcac agtaagggag aatgtgggga ctcagagcag      60
gagccttttg agtcagagaa gttttccaga aggaacatct aagcagagcc cggctaggca      120
aagtgaactg ccatggcgag ggcctggaga cttccagaag cgtgataact gctcttaatt      180
gttcaaccct caccaggagc taagccctgt gaggtgggtg ctattagggt cccatttcta      240
cagatgagga aactgaagct caggaagtct cctggctcgc cagcaaggca gctggagggt      300
gctgacctcc gagggaggcc ccagccaagg tgggtgctga gtgggcgccc cctcctctcc      360
cctctcaggc ccagtaccgc cgaggcctgg agctgtccaa gcaggccgct cagctgggag      420
ctacagccag aggggctggg gaggcagaac gtgcagagtt cccagagctg gcagcctttg      480
cctctaccca gcgggccttc caggctgagc tgaccactt ttacatggcg gccgagcggc      540
aacgcacgga cctcgagacg ctgctccacc tgcaccgctt ctgcaagagg atgacctggt      600
tccacatgga ctgtcaggac ctgatggccc agctcaggct ggacaagacc tcaagggtca      660
gtcctgggga ccagcgccgc ctccaccgct acctgcagcg actggcatct gagttccctg      720
ctgagaagct cgcagccgtg gggctgcagg tggcctccct gagccgggca ggcctgggcc      780
aggagctatg ggaggaggcc cggatcaggc atgaggagat ctggatgctc ctggagaagg      840
cactgacca cagctcttgc ccagaggctc cagctgctca ctcagcgcg ccagaacgaa      900
gaggggtggc agccaagggc cagggtgtga gtgtagaggt cacttccaag gggagggtgg      960
atcagcctcc actagactca ctgggcatgg accatttgcc aaagtcctat tggcttctca     1020
ggagctgtct cagccaagag tcacacactt gatacctaaa atggcttcag gaatcttcca     1080
agactgaaga cttccccagg tgttgtctag ggctgcctg cctcagagcc atgagcagag     1140
ccggtcaaaa ggcttcctag ggaatcctac ccagacatt aaaatagact cttggtgctg     1200
gcagggtggc ggaatctgcg tttgtagcca agtgcctctc ctgtgtgact cagcaaagtg     1260
ggggtgcatt tggggaacac ccggggctgg ggctgagtc ctccaccaa agccaggttt     1320
gattcttgca ttcccctccc tgcttccat ccagacaggc ccaaggatgc aagaggcggt     1380
gatcagccca tctccatcca tgctgttgc ctcagagagg gccgacggct tttaaaatgc     1440
tgttgccata gcaacagcat tccagccagt ggggtaccaca ggcagggagc cacagaaact     1500
ggggtgctgg gatggaaact gacttgtgag agaccacagc tactgctaga aggaaggggg     1560
gcaaagcggg cacaggtaat ctaagaatac ttgggcggga ggagtcceca aggttacctt     1620
gtgcatccct ctgtccccag aaagaactgt accccaacaa tctctcccct cactgcatcc     1680
cctggggaag aagggaatgc agaaatgaaa tgtcataatg agtaacaatg tataaaaaata     1740
tcgaataata acagctaaca tttcttttgc a                                     1771

```

<210> 5956

<211> 979

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (927)...(0)

<223> similar to gi386923 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5956
atttgacata gatctcttaa agggaattta ttgcttccat ggagatttta gatccgatgt      60
tactgagggg aattaggtag ctgggcggct ttacccagg catctcttag taggtaaaaca     120
ccttcctttt caggatggga ttcacaaggg cccttggtcg tctggaagca ccaactgaac     180
gcaggcctcg gatgatcaag acggtcccca ccacaatgcc cacgaggccc acagacaacc     240
ccagggcgca gaccacacgt ctctgtgagc tctgactaag gttgttgga tctcagctcc     300

```

ccagtgtttc	agaagaggct	caaaccaggc	ccccagttgc	tccacctttg	cagttcataa	360
atctcatcat	tcaaaaggga	aggaagggga	ggtaacctga	tcttgaagaa	ggaaatgatc	420
actcttttga	gaggaaggcc	tggtctcaga	aacaccttct	gtgactgagt	gcccattgct	480
cagccagggtg	atgttgacca	caggaggaaa	gatgttgctc	acaagacaga	tgagggtggt	540
gggctgacct	agtgtcacgg	gagacttgga	aaacactgtg	acctcaggaa	cctcattggt	600
agcagcggta	gagttggagc	gtttaatcac	gatgttcaag	ttatgtttta	gcacagcgat	660
gtttgtcagt	gcaaattgcg	gggtcaaact	tctaaatctg	cggaacagag	gcaactgcca	720
gacagtctcc	ttcctctcca	gggtccacata	gaactctctg	tctccatcaa	attcatggct	780
gtactgcccc	gagggaccat	aagactggta	caagtttaca	ccgtaagagg	caacatggtc	840
agccacaatg	tcttcacctc	cacaagggtc	catcacgggtg	gtcagggcga	gggccccag	900
catcagagct	ttgttttaga	tcattcctct	cccaaggcag	cctcagcagt	tgctgttctg	960
agcgaattcc	acgcacact					979

<210> 5957

<211> 1682

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (285)...(1476)

<223> similar to gi6002678 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5957

tttttttttt	ttgatggagt	cttgctctgt	cgtcaggctg	gagtgcagtg	gcgcgatctc	60
ggctcactcc	aacctccacc	tcccgggttc	aaaggattcc	cctgcctcag	cctctcgagt	120
agctgggact	acagatgcgc	gctaccacac	aaggctaata	ttttgtatth	tagtagagac	180
gggatttcac	catgttggcc	aggatgggtc	ccgtctcctg	acctcgtgat	ctgcctgcct	240
tgccctccca	aagtgttggg	attacaggca	taagccattg	cgccatgctc	aaggttctta	300
attacatctt	taaaggccct	ttttccatgt	acagtaacat	attcaatggt	tctggggatt	360
aggacttggg	gccattattc	tacctacaac	aattagtatt	ggacttccat	cattttctat	420
cactcttgta	atcgagaacg	gactatttca	ctgggagtag	caagtcataa	tgtttgcgtt	480
ggcatttgtg	tgggggttta	tcttcattca	ttaaataatt	gcatgtaaag	aaaattcctg	540
tcactatttc	aaatgtttca	tgtagttatt	atagtgtctc	agaatccaaa	gggttatgtg	600
ttacttatgt	aagatgagca	gtctaggggg	tggaagaacg	gtcatctagt	gcagattctt	660
cctagctgaa	gtgtgttttc	tctggggaca	accaagtagg	atttaattgt	tttgcttcct	720
tttttgggaa	cttagaccca	tcttgcgatg	tcctaagtct	ccaagcatct	tatttgacct	780
gcttatacac	atthtgactaa	atagctaaat	atgaccacat	tgacgtggta	aagctttaac	840
acttttgtcc	agattgaatc	actccatctg	ctatcagtta	agcagtggaa	aactgttatg	900
gaaaagcaaa	catgttttga	tagatttaat	gtgtaaagaa	ggtatccata	ctctggaatg	960
ctgctgatca	ataaatgagc	tgcaagactt	tgttcgaaac	aacactcaag	cacaactgtt	1020
ttactttcca	taccaagttt	ggctgtgact	gaaatgaaga	acatcagcat	tgatctttgc	1080
tttgcacttg	tacaagagac	tatttgcaga	gagccaaata	taggcaacag	aggatttaat	1140
atcttgccaa	aaaatacaaa	atctgttccc	ctttaaagca	tggaactctc	atcctttctt	1200
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ctagttatgg	ttgtattaat	taatttgatt	gtgataatga	ttacacaatg	tttacctata	1440
tcaaatcatc	atatcgtata	ccttaaatat	atataacttt	tatgtgtcaa	ttataactca	1500

gtaagtctgg	gaaaatatcg	ttaagtcaaa	gattagagtc	aacagaaata	aagaaaaatc	1560
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aa						1682

<210> 5958
 <211> 1188
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1024)...(585)
 <223> similar to gi3169120 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5958						
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tttatgatat	attgagacag	ctcagtaaata	atttttctaaa	attattttacc	ccctgggggc	240
agagcctgag	cagggaggat	gataagggat	gccggcctct	gtatgattga	aataaagaga	300
aataaccaac	tctagcagct	gtgagtcatt	ctgaaagatg	tagagaatac	agggactaga	360
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aacgtagcca	gagccggaat	ccgaggccgg	cgagggtctg	gtcggagggc	ttccagaggc	960
catggtcagc	aagactcggg	gtagcaacaa	aaggcgggag	gccacaggca	gcagcgccgg	1020
catccaaaca	aaagacagga	gcagagaggc	cactccgccc	agcaggaccg	cgggagcccg	1080
ccccccactc	atgcggccta	cgctggtaca	ggagagttga	tctcaaaggc	cacacgtcac	1140
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<210> 5959
 <211> 2167
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (559)...(1470)

<223> similar to gi416520 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tggtgcccgc ttctcccgcg tccgccattt tgttgctgtg gctattggga acaagctggg 120
caaaagcacc cgggagcgcg gacgtcctt cgagttcggg gcctcgtgtg acggcggggg 180
tcggtgaaga cccgtcgagc tgcggcgccg gcgcgttcca ggccgggagt cactggaggc 240
accctggggg acgcccagca gcccagaaac cccgggggtg cctccgctgc ggctcgggtt 300
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tggeccagcc ctctgagcgc tccctcaggt gtgcgagagg cccttcctcg gccccaaagc 480
cgtctgccgg gctaaggcgt gcagagcagg cgaggacagc cgcgcgccct accgcgcgag 540
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```

<210> 5960
<211> 1295
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1257) ... (861)

<223> similar to gi975687 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 5960
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agagaaaaaaa caaaagacca caacaatatt ccaaattata ggttgagaga atgtgactat 180
gaagaaagta ttctaaccaa ctaaaaaaaa tattgaaacc acttttgatt gaagcaaaat 240
gaataatgct agatttaaaa acagtgtgaa atcacacttt ggtctgtaaa catatttagc 300
tttgcttttc attcagatgt atacataaac ttatttaaaa tgcatttaa gtgaaccatt 360
ccaaggcata ataaaaaaaa aggtagcaaa tgaaaattaa agcatttatt ttggtagttc 420
ttcaataatg atgcgagaaa ctgaattcca tccagtagaa gcctctcctt ttgggtaatc 480
tgaacaagta ccaaccaga tagcaacatc cactaatcca gcaccaattc cttcaciaag 540
tccttccaca gaagaagtgc gatgaatatt aattggtgaa ttcatttcag ggcttccttg 600
gtccaaataa attatagctt caatgggaag aggtcctgaa cattcagctc cattgaatgt 660
gaaataccaa cgctgacagc atgcatttct gcatttttagc cgaagtgagc cactgaacaa 720
aactcttaga gcactatttg aacgcattct tgtaaatgta cactccgcaa ttttcccaag 780
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agcgtctggc tccgcgcgc tccgaggccg ccgcaggctg catcaatgcg cctttcaccc 1260
gagcgctctc ctccctccct taattcctcc cgccc 1295

```

<210> 5961

<211> 5694

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (207)...(2938)

<223> similar to gi577301 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 5961
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gtttgcctcc ttggaatttt cccctggatc caagaagttg gttgtagcca cagagaagaa 120
tgtgattgca gcattaaatt cccgaactgg ggagatcttg tggcgccatg ttgacaaggg 180
cacggcagaa ggggctgttg atgcccattg tgctgcacgg acaggatgtg atcactgtgt 240
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gtaaggtaca tccgcagtcc tgaagaagac tacacttgcc ctccatcacc tctccagtgg 420
gcacctcaag tgggtggaac atcttcccag aaagttgaca gtttccatta ccagatggtg 480

```


taatcttaac	ggctctgggg	tgggtgtgggc	ccctcggagt	tgttcccttc	agcccatgtg	540
aacattgtca	agtttaatgt	ggaagatgga	gagattgttc	agcaggtag	ggtttcaact	600
ccgtggctgc	agcacctgtc	tggagcctgt	gggtgtgggtg	atgaggctgt	cctgggtgtg	660
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<210> 5962

<211> 2014

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1452)...(2009)

<223> similar to gil420583 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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caataataga	ataaatttgt	gaaaaagctg	catgttttaa	tttaggaaat	gagtagaagt	840
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tctcaccaac	cagcacaccc	gcattcatcac	tctccagaag	tcggagacgg	acaaattcac	1980
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<210> 5963

<211> 542

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (463)...(403)

<223> similar to gi4678534 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5963

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<210> 5964
 <211> 1224
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1206)...(51)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5964

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tgaattgctt	gaacccaaga	gacatagggt	gcagtgagcc	gagaccacgc	cactgcactc	240
cagcctgggc	aatggagtga	gactctgtct	caggaaaaag	aaaaataaat	gaagcataag	300
cattgaaaat	gaggggtcag	agtgtcttta	cttacattat	actaatgtga	aattccctat	360
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agtcgaagat	aaattgcaga	gacaacaagg	atggcagctg	cagtgtctgag	tacattcctt	600
tcgcgcggg	ggattacgat	gttaatatca	catatggagg	agcccacatc	cctgggtgagc	660
tattcctcag	agaggacccc	agagaataat	tgattttgca	ggaaaatggg	tttgattttg	720
cttatctctc	tgagtgggga	aaacaatctg	atatttgtaa	tagctgcaaa	aggagagttt	780
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aagcatcggc	ttagaatttt	gactggaaac	agttgtgcgt	gtgttgagg	acctagttct	900
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<210> 5965
 <211> 8182
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (225)...(7912)
 <223> similar to gi2181867 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5965

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tggtacttca	tcttctatat	gtggactata	atcttctccc	ttaggataac	tacataaaga	180
gacaaaaaaa	agaaaaaaga	gcaaagatct	gtgctgtgtc	aagtatgaca	gccatcactc	240
atggctctcc	agtaggaggg	aacgacagcc	agggccaggt	tcttgatggc	cagtctcagc	300
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caatatcttt	cactaaaaat	cttatggatg	aggctgtgag	tggctggaag	tttgaaattc	660
atagatgtat	tattaacaat	actcatcgcc	tagtggagct	ttgtgtggcc	aagttgtccc	720
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<210> 5966

<211> 5332

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (506)...(4870)

<223> similar to gi407099 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5966

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<210> 5967

<211> 1679

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (85)...(1199)

<223> similar to gi4972090 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5967

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<210> 5968

<211> 1442

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (468)...(1241)

<223> similar to gi554204 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5968

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